Teams Meet Summariser Which Gives Action Words and Work Assigned to Each Participant in the Meet Using Google Gemini and Chatgpt

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Professional and academic environments now heavily rely on virtual meetings, thanks to tools like Google Meet, Zoom, and Microsoft Teams that make communication easy. But when these sessions get longer and more complicated, participants frequently find it difficult to remember important choices, next steps, and tasks that have been allocated. By highlighting important action words and tasks for each participant, this challenge draws attention to the need for a Teams Meet summarizer—a tool that turns meetings into actionable insights. Meeting management may be made more accurate and efficient by utilizing cutting-edge technology like Google Gemini and ChatGPT.

An application or software solution that automatically pulls important information from virtual meetings is called a Teams Meet summarizer. Its main goal is to list the tasks, obligations, and due dates that were addressed at the meeting. This summarizer, in contrast to conventional note-taking or transcribing tools, seeks to provide insights organized around tasks and concrete deliverables, going beyond simple text conversion.

1. Introduction

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An application or software solution that automatically pulls important information from virtual meetings is called a Teams Meet summarizer. Its main goal is to list the tasks, obligations, and due dates that were addressed at the meeting. This summarizer, in contrast to conventional note-taking or transcribing tools, seeks to provide insights organized around tasks and concrete deliverables, going beyond simple text conversion. Action words, which are verbs or phrases that indicate tasks or responsibilities, such as "review," "prepare," "submit," and "coordinate"; work assignment, which is the process of assigning specific tasks to individuals or teams during a meeting; Google Gemini, a next-generation AI model by Google known for its advanced natural language understanding and generative capabilities; and ChatGPT, an AI-based language model developed by OpenAI that can produce text responses that are human-like and process vast amounts of conversational data, are some of the key definitions necessary to comprehend this topic.

The development of meeting summarization technologies started with taking notes by hand and progressed to automated transcribing software. Early systems, including Otter.ai and Rev, concentrated on accurately translating voice to text. However, the majority of the transcripts these technologies offered were raw, meaning users had to manually find insights that might be put to use. A major step forward was the introduction of AI-driven solutions. By emphasizing choices, recognizing important points, and detecting sentiment, natural language processing (NLP) models like BERT and GPT made it possible for tools to summarize meetings. Early AI apps, such as Microsoft Teams, for instance, provided meeting tools with limited transcription and summarization capabilities that allowed users to obtain brief conversation summaries. In order to assist customers concentrate on follow-up activities, platforms such as Fathom for Zoom started to offer action-item extraction. Accurate action word detection and task delegation are made possible by the unmatched contextual comprehension and generative capabilities of advanced AI models like Google Gemini and ChatGPT.

A Teams Meet summarizer driven by Google Gemini and ChatGPT has benefits and drawbacks, just like every other technical advancement. Its main benefits are efficiency, which saves participants time by automating the summarization process; accuracy, which lowers the possibility of human error in note-taking or memory recall; actionable insights, which offer structured information centered on tasks and responsibilities; scalability, which can handle large volumes of meeting data and is appropriate for both small and large teams; and personalization, which can adjust to the distinct conversational styles and terminologies of various teams or industries. Limitations in contextual understanding, as complex or ambiguous discussions may result in inaccurate summaries; dependence on AI, which may lead to over-reliance and miss nuances that only humans can interpret; privacy concerns, as sensitive discussions may require strong data security measures; and technical challenges, as it requires high-quality audio input and consistent internet connectivity for optimal performance. On the other hand, it also has disadvantages.

Despite progress, there are still a number of unanswered questions regarding the creation of efficient meeting summaries. Understanding context is a significant gap because, although AI models are excellent at processing data, they still struggle to understand the complex context of conversations. Language, accents, and communication styles are only a few examples of the cultural and linguistic variances that tools must accommodate. More creativity is needed

to manage dynamic interactions with interruptions, overlapping speech, and changing discussion topics. Another area that need improvement is real-time summarization, which offers rapid summaries during active discussions. Enhancing the accuracy and usability of these technologies also requires creating user-friendly interfaces that let users edit and add comments to the summarized output.

Teams Meet summarisers that use Google Gemini and ChatGPT provide a revolutionary way to address the difficulties associated with managing virtual meetings. These resources can improve decision-making and productivity by emphasizing action words and task delegation. To ensure broad acceptance and efficacy, it is imperative to overcome the gap and limitations in current studies. As technology advances, the goal of intelligent and smooth meeting summarization is getting closer to reality. Thus, the main goal of this research is to create a system that is reliable, scalable, and effective for analyzing conference or meeting chat logs in order to produce brief and useful meeting minutes. The solution uses large language models (LLMs) to precisely define participant roles and action items from Teams Meet sessions, guaranteeing usefulness and clarity for all parties involved. In the end, the project aims to improve organizational effectiveness, expedite meeting documentation procedures, and facilitate well-informed decision-making by using action item tracking and automated, expert-caliber summaries.

2.   Methodology

We used large language models (LLMs) to parse meeting or conference conversation logs from Word documents, extracting pertinent information and producing condensed minutes. The goal is to develop a scalable, reliable, and effective system that precisely assigns tasks and action items to every team member during a Teams Meet session. In order to guarantee high-quality output, the technique is broken down into many phases, each of which addresses distinct issues.

Data Collection: The first stage is gathering the conversation logs, which are Word documents kept in a specific directory ("./data"). The main source of information used in the summary process is these papers. The content of these.docx files is read and parsed using the Python package python-docx. This package offers a powerful interface for extracting text while maintaining the documents' structure. Dealing with different document topologies that can include unnecessary formatting or non-chat content is a crucial difficulty at this point. In order to guarantee that only actionable material is sent on to next phases, the process involves using logic to find and separate pertinent sections of the conversation logs.

Text Parsing and User Identification: Following the extraction of the textual data, the material must be parsed in order to identify each user's unique contribution to the chat. Lines of the retrieved text are separated for further processing. Timestamps and user names, which are frequently seen in meeting chat logs, are indicated by patterns found using regular expressions (re library). For example, timestamps, the associated user, and the content of their messages are retrieved by matching patterns such as [HH:MM] Username:. All chat entries are methodically divided into three essential parts thanks to this methodical approach: time, user, and message.

Additionally, the script uses logic to link people to their email addresses based on pre-established domains (such @example.com). In organizational settings, this is very helpful for differentiating people. To prevent duplication in user lists, a deduplication procedure is used to preserve a distinct identity for every participant. These identifiers serve as the basis for further processing when paired with the corresponding messages.

Preprocessing for Language Models: The following step is to clean and prepare the text for interaction with the chosen LLM once the conversation data has been structured. The goal of this preprocessing step is to eliminate irrelevant material that doesn't support the meeting's useful conclusions. For instance, predetermined criteria are used to filter out common greetings, acknowledgements, and pointless small chat. This stage is essential to guaranteeing that the input from the model stays succinct and concentrated on the primary ideas.

The input for the LLMs is structured using a prompt template to ensure consistency. From the given text, the model is guided by this template to provide a succinct synopsis and actionable items. By defining the preferred format, the template guarantees uniformity in outputs. Separate configuration blocks are established for OpenAI's GPT-3.5 Turbo and Google's Gemini, setting connection parameters and managing safety configurations. This guarantees secure and compliant interactions with the LLMs, adhering to organizational and ethical standards.

Token Management and Chunking: When dealing with LLMs, managing huge transcripts that could surpass the token restrictions set by the models—such as 4090 tokens for GPT-3.5 Turbo—is one of the major issues. A dynamic chunking technique is incorporated into the system to handle this. Split_text, a utility function, is used to break up the transcript into manageable chunks that are within the allowed token range.

In order to prevent sentences from being broken randomly, this chunking procedure takes care to preserve logical continuity. The semantic flow is maintained, allowing the model to handle each segment separately without losing context. This tactic is crucial for preserving the quality and consistency of the action items and summaries that are produced. After processing each piece separately, the results are concatenated to create a comprehensive, cohesive outcome.

Model Interaction: The system uses the chosen LLM to generate action items and summarize the provided information. The approach is meant to integrate easily with Google's Gemini and OpenAI's GPT-3.5 Turbo, allowing for model selection flexibility according to particular needs. Using the appropriate API interfaces, the model receives the input text for each chunk. Google's Gemini interface makes use of the proper SDKs and authentication methods, whereas OpenAI's GPT uses the openai library.

A list of action items and a condensed summary of the meeting are the two main outputs that each model is asked to produce. The approach makes sure that the results from each section are rationally combined to create a complete and cohesive set of meeting minutes. This approach maximizes the utility of both models while maintaining consistency in the final output.

Post-Processing and Formatting: A post-processing phase is carried out to improve the outputs after the model has produced them. In this step, extraneous characters are eliminated, formatting errors are fixed, and readability is improved. While the action items are listed and

presented in an organized manner, the summaries are combined into a single section.

Stakeholders may be assured of clarity and easy of comprehension because the final document structure follows a professional pattern. Action items, for instance, are arranged according to subject or participant, which helps readers understand their roles. This methodical technique guarantees that the document satisfies organizational criteria for meeting documentation and improves its usability.

Output Generation: Creating a prepared Word document with the condensed meeting minutes and action items is the last phase in the technique. Once more, the python-docx package is used for this, making use of its programmatic Word document creation and styling features. In addition to adding metadata like the meeting date and title, the script formats the document's heading to indicate that it is meeting minutes.

The document is saved in the "./output" directory with a suitable filename that reflects its content and intent. This guarantees that the result is readily available for dissemination or additional examination. The technique minimizes human labor and lowers the possibility of mistakes by automating the generation and storage process.

3. Results

The study's findings show how well the suggested approach works to turn Teams Meet conversation logs into succinct, useful meeting minutes. The system was able to precisely identify tasks, deadlines, and action items addressed during meetings by utilizing sophisticated big language models like Google Gemini and ChatGPT. Dynamic chunking techniques made guaranteed that lengthy transcripts could be processed without losing context, while thorough preprocessing removed unnecessary material to improve readability and usefulness. Because the final outputs followed professional formatting guidelines, stakeholders could easily access and utilize them. All things considered, the research met its goals and demonstrated how AI-driven solutions may expedite meeting documentation procedures and facilitate well-informed decision-making.

Figure 1: Chat log

0:0:0.0 --> 0:0:2.30
Somalaraju reddeiah raju
I wish either way is good morning.
0:0:5.270 --> 0:0:7.240
Yogesh Rajgure
I bluish haze over Raja.
0:0:5.160 --> 0:0:7.490
Dhruvesh Kalathiya
Hi good I have.
0:0:7.250 --> 0:0:7.880
Yogesh Rajgure
Good morning.
0:0:11.430 --> 0:0:11.910
Dhruvesh Kalathiya
Good morning.
0:0:15.590 --> 0:0:16.390
Vivek Kadoo
Hi, good morning all.
0:0:19.610 --> 0:0:20.590
Somalaraju reddeiah raju
Good morning, Rick.
0:0:40.740 --> 0:0:41.520

Gangadhar Agre
Good morning, Dave.
0:0:46.100 --> 0:0:46.730
Yogesh Rajgure
Good morning, Wendy.
0:0:47.90 --> 0:0:47.530
Sri Harsha Vempaati
Good morning.
0:0:56.580 --> 0:0:57.220
Akash Panwar
Good morning all.
0:0:59.480 --> 0:1:1.260
Gangadhar Agre
Yeah, I think we're almost there.
0:1:1.270 --> 0:1:2.280
Gangadhar Agre
We can get started.
0:1:2.930 --> 0:1:3.550
Gangadhar Agre
Yeah.
0:1:4.320 --> 0:1:7.330
Gangadhar Agre
So so maybe you want to take lead.
0:1:12.800 --> 0:1:12.980
Gangadhar Agre
Hello.
0:1:15.640 --> 0:1:15.790
Samyak Parakh
Hello.
0:1:17.320 --> 0:1:17.630
Gangadhar Agre
Yes.
0:1:17.640 --> 0:1:18.10
Gangadhar Agre
Amen.
0:1:18.80 --> 0:1:18.620
Gangadhar Agre
Yeah, you can.
0:1:18.630 --> 0:1:19.720
Gangadhar Agre
You can take the status call.
0:1:21.190 --> 0:1:21.540
Samyak Parakh
Yeah.
0:1:22.790 --> 0:1:22.950
Gangadhar Agre
Yeah.
0:1:21.550 --> 0:1:25.500
Samyak Parakh
OK, so I'm starting with myself.
0:1:26.170 --> 0:1:31.90
Samyak Parakh
So she just opening that.
0:1:33.410 --> 0:1:34.670
Samyak Parakh
Do you understood this?
0:1:34.830 --> 0:1:36.110
Samyak Parakh
You're sharing my screen.
0:1:37.250 --> 0:1:37.770
Samyak Parakh
Let me know.
0:1:50.830 --> 0:1:51.510
Samyak Parakh
As it was able.
0:1:57.180 --> 0:1:57.340
Samyak Parakh
Hello.
0:1:57.850 --> 0:1:58.380
Gangadhar Agre
We can see.

0:1:58.120 --> 0:1:58.520
Vivek Kadoo
Yes, you.
0:1:58.110 --> 0:1:58.560
Akash Panwar
Yes, and.
0:2:1.220 --> 0:2:2.70
Samyak Parakh
Is it visible right?
0:2:2.950 --> 0:2:3.170
Akash Panwar
Yeah.
0:2:2.910 --> 0:2:3.270
Vivek Kadoo
Yeah, yeah.
0:2:4.570 --> 0:2:7.990
Samyak Parakh
You are OK, so starting with Vivek.
0:2:12.460 --> 0:2:13.210
Vivek Kadoo
So I have.
0:2:11.440 --> 0:2:13.280
Samyak Parakh
Any update on this week did?
0:2:13.720 --> 0:2:19.420
Vivek Kadoo
Yeah, I have connected the data source and today morning received those.
0:2:20.410 --> 0:2:24.550
Vivek Kadoo
While actually I I needed description for those columns and what kind of data is that.
0:2:25.620 --> 0:2:25.830
Samyak Parakh
Mm-hmm.
0:2:25.880 --> 0:2:41.840
Vivek Kadoo
So today I'll be looking into it and will create something for the dashboard like how how we can achieve it, which by KPS we want to derive over because PU is already calculated there.
0:2:42.980 --> 0:2:43.270
Samyak Parakh
Umm.
0:2:43.290 --> 0:2:51.940
Vivek Kadoo
So I'll talk to the weather and although this and how we can proceed with it.
0:2:52.210 --> 0:2:57.510
Vivek Kadoo
So today I'll be working on the dashboard and then along with my Tableau learning also.
0:2:59.350 --> 0:2:59.810
Samyak Parakh
Opening.
0:2:59.470 --> 0:3:0.140
Gangadhar Agre
Yeah.
0:3:0.210 --> 0:3:2.980
Gangadhar Agre
Yeah, SO2 speed up for your tablet learning work.
0:3:2.990 --> 0:3:3.460
Gangadhar Agre
OK.
0:3:3.650 --> 0:3:4.620
Gangadhar Agre
We can take what?
0:3:4.630 --> 0:3:6.470
Gangadhar Agre
Two sessions from Akash.
0:3:6.480 --> 0:3:8.820
Gangadhar Agre
OK, so if required, we'll plan that.
0:3:8.930 --> 0:3:9.240
Gangadhar Agre
OK.
0:3:9.860 --> 0:3:10.260

Vivek Kadoo
Yeah, yeah.
0:3:10.840 --> 0:3:12.870
Gangadhar Agre
Yeah, that that will be like helpful.
0:3:12.880 --> 0:3:20.810
Gangadhar Agre
Like uh, yeah, you will not spend time on basic, so Akash will will help you there on basic or even we can plan it for teams team itself.
0:3:20.880 --> 0:3:21.100
Gangadhar Agre
OK.
0:3:22.560 --> 0:3:23.170
Vivek Kadoo
Yeah, right.
0:3:22.20 --> 0:3:25.330
Gangadhar Agre
So yeah, OK, let me discuss stuff.
0:3:25.950 --> 0:3:26.890
Gangadhar Agre
We'll get that.
0:3:24.80 --> 0:3:27.270
Vivek Kadoo
I'm currently going through LinkedIn courses LinkedIn courses here.
0:3:27.110 --> 0:3:27.520
Gangadhar Agre
Yeah.
0:3:27.530 --> 0:3:31.70
Gangadhar Agre
Content from Akash and we'll we'll plan 2-3 sessions.
0:3:32.350 --> 0:3:32.610
Vivek Kadoo
Yeah.
0:3:33.90 --> 0:3:33.430
Gangadhar Agre
Yeah.
0:3:33.440 --> 0:3:34.730
Gangadhar Agre
For the team that will be helpful.
0:3:34.840 --> 0:3:34.980
Gangadhar Agre
Yeah.
0:3:36.710 --> 0:3:40.630
Gangadhar Agre
And for you are the metadata part about that table, column names and all.
0:3:41.770 --> 0:3:46.190
Gangadhar Agre
Please share that Excel sheet so that we can understood every the column name available.
0:3:45.940 --> 0:3:48.930
Dhruvesh Kalathiya
I yes, I I have shared the Texas State.
0:3:49.720 --> 0:3:50.50
Gangadhar Agre
OK.
0:3:50.60 --> 0:3:50.770
Gangadhar Agre
OK, that's good. Yeah.
0:3:54.290 --> 0:3:54.670
Samyak Parakh
OK.
0:3:53.940 --> 0:3:54.960
Gangadhar Agre
Yeah, we're gonna.
0:3:54.970 --> 0:3:58.270
Gangadhar Agre
When you get time like please align based on your task.
0:3:58.360 --> 0:3:58.730
Gangadhar Agre
Here.
0:4:0.640 --> 0:4:1.330
Vivek Kadoo
You're right, yeah.

0:3:58.780 --> 0:4:2.850
Gangadhar Agre
OK you can due date is not like uh.
0:4:2.860 --> 0:4:9.460
Gangadhar Agre
You can mention it will be like one month also OK, But yeah, task the whatever the sub task you can mention it out whenever you get time.
0:4:10.270 --> 0:4:10.450
Vivek Kadoo
So.
0:4:10.190 --> 0:4:10.990
Samyak Parakh
Umm it?
0:4:10.410 --> 0:4:12.640
Gangadhar Agre
It's not like, uh, twice in a week.
0:4:12.770 --> 0:4:13.580
Gangadhar Agre
Not like every day.
0:4:14.660 --> 0:4:14.920
Vivek Kadoo
OK.
0:4:15.530 --> 0:4:15.880
Gangadhar Agre
OK.
0:4:15.890 --> 0:4:16.160
Gangadhar Agre
Yeah.
0:4:16.170 --> 0:4:16.500
Gangadhar Agre
So like.
0:4:16.90 --> 0:4:19.220
Samyak Parakh
So should I mention any due date or start date any?
0:4:18.870 --> 0:4:20.80
Gangadhar Agre
No, he, he he will do it.
0:4:20.90 --> 0:4:21.980
Gangadhar Agre
Started you can mention it out this week start.
0:4:22.950 --> 0:4:23.250
Samyak Parakh
OK.
0:4:25.440 --> 0:4:28.430
Gangadhar Agre
And in progress you can mention it like 24.
0:4:28.440 --> 0:4:30.800
Gangadhar Agre
Yeah, and progress status in progress.
0:4:32.410 --> 0:4:33.850
Gangadhar Agre
Yeah, priority media, that's fine.
0:4:35.460 --> 0:4:38.350
Samyak Parakh
No, it's like it's predictive maintenance dashboard.
0:4:40.630 --> 0:4:41.140
Akash Panwar
Yes.
0:4:41.150 --> 0:4:42.980
Akash Panwar
So this has been done.
0:4:43.30 --> 0:4:50.900
Akash Panwar
If any other further need changes needs to be done or additional things needs to be added, that's why I've kept this task open as of now.
0:4:51.450 --> 0:4:51.800
Akash Panwar
OK.
0:4:51.800 --> 0:4:52.290
Samyak Parakh
So should.
0:4:51.810 --> 0:5:4.660
Akash Panwar

And apart from that, I was working on to that training part of DBT only was going through some of the tutorials and doing a hands on to that.
0:5:5.630 --> 0:5:6.40
Akash Panwar
Let's see.
0:5:9.280 --> 0:5:9.610
Gangadhar Agre
Yeah.
0:5:9.620 --> 0:5:11.310
Gangadhar Agre
So I guess you have access to this.
0:5:11.320 --> 0:5:15.300
Gangadhar Agre
OK, so whatever you are doing your training also keep keep do mention here OK.
0:5:17.860 --> 0:5:18.180
Akash Panwar
OK.
0:5:18.960 --> 0:5:19.140
Gangadhar Agre
Yep.
0:5:22.870 --> 0:5:23.170
Samyak Parakh
Thing.
0:5:30.500 --> 0:5:32.700
Samyak Parakh
Next is predictive maintenance.
0:5:32.710 --> 0:5:35.100
Samyak Parakh
Using Google, I think your questions are wish.
0:5:37.400 --> 0:5:39.190
Yogesh Rajgure
Uh, yeah, it is going on.
0:5:39.200 --> 0:5:41.50
Yogesh Rajgure
Uh, actually, I've worked on it yesterday.
0:5:45.310 --> 0:5:45.910
Gangadhar Agre
Yes, yes, yes.
0:5:41.110 --> 0:5:46.690
Yogesh Rajgure
Gangadhar can will have a call regarding that today, maybe after one or two hour.
0:5:47.280 --> 0:5:49.650
Gangadhar Agre
Yeah, we need to check it for multiple machines, right?
0:5:50.300 --> 0:5:50.500
Yogesh Rajgure
Yeah.
0:5:49.940 --> 0:5:51.510
Gangadhar Agre
So that is the pending thing.
0:5:51.520 --> 0:5:52.900
Gangadhar Agre
Yeah, we will connect.
0:5:55.190 --> 0:5:55.380
Yogesh Rajgure
Sure.
0:5:54.830 --> 0:5:56.650
Samyak Parakh
So should I add any item over here?
0:5:57.10 --> 0:5:57.640
Gangadhar Agre
Well, no, no, no.
0:5:57.650 --> 0:5:58.590
Gangadhar Agre
He will add, yeah.
0:5:59.160 --> 0:6:4.230
Samyak Parakh
Uh, OK, DVD learning or storing I guess.
0:6:5.830 --> 0:6:8.660
Samyak Parakh
Ohh then capturing data you wish.
0:6:11.300 --> 0:6:12.70

Yogesh Rajgure
It's on hold.
0:6:12.80 --> 0:6:13.570
Yogesh Rajgure
Uh, we're putting on hold.
0:6:14.710 --> 0:6:15.670
Samyak Parakh
OK, it's already on.
0:6:15.720 --> 0:6:21.920
Samyak Parakh
This updated OK right then it's my task.
0:6:22.890 --> 0:6:24.450
Samyak Parakh
So I've completed.
0:6:25.290 --> 0:6:27.70
Samyak Parakh
No six more days.
0:6:31.970 --> 0:6:38.970
Samyak Parakh
Phone completed 6 modules as I'm getting time or bandwidth so I'm progressing on this only.
0:6:47.20 --> 0:6:48.720
Samyak Parakh
Demon Data center use case.
0:6:51.330 --> 0:6:52.180
Samyak Parakh
Ohh the wish.
0:6:55.620 --> 0:6:56.150
Dhruvesh Kalathiya
Hi.
0:6:56.540 --> 0:7:18.770
Dhruvesh Kalathiya
So almost we have done means so we uh we have created some uh charts and graphs that we would will will add in that PPT and after that maybe we can plan a demo what do you say gangar about this.
0:7:19.630 --> 0:7:23.780
Gangadhar Agre
Yeah, so, so based on the analysis and the graphs, right, OK.
0:7:24.280 --> 0:7:27.560
Gangadhar Agre
So we need to look into model one more time, OK?
0:7:27.990 --> 0:7:28.210
Dhruvesh Kalathiya
Yes.
0:7:27.650 --> 0:7:30.920
Gangadhar Agre
If we change it, we'll do how it is impacting to the model, OK.
0:7:31.590 --> 0:7:33.150
Dhruvesh Kalathiya
Yes, yes. OK.
0:7:33.50 --> 0:7:33.440
Gangadhar Agre
Yeah.
0:7:33.530 --> 0:7:36.20
Gangadhar Agre
So if logically it is not correct, we can say them OK.
0:7:36.30 --> 0:7:38.660
Gangadhar Agre
This is how it will work because we don't have real time data.
0:7:38.790 --> 0:7:39.180
Gangadhar Agre
OK.
0:7:40.0 --> 0:7:40.290
Dhruvesh Kalathiya
Umm.
0:7:39.630 --> 0:7:47.280
Gangadhar Agre
But still we need we should require the proof that OK with supporting research document or whatever document we search and all OK.
0:7:47.290 --> 0:7:48.700
Gangadhar Agre
So yeah, you got that.
0:7:48.710 --> 0:7:54.420
Gangadhar Agre

Like whatever the approach we are saying like suppose like changing the set point of chiller, changing set point of air flow.
0:7:54.670 --> 0:7:59.580
Gangadhar Agre
So just the other two three pair research papers, 223 website proper links.
0:7:59.590 --> 0:8:0.540
Gangadhar Agre
There they have mentioned.
0:8:2.620 --> 0:8:3.230
Dhruvesh Kalathiya
OK.
0:8:2.70 --> 0:8:3.790
Gangadhar Agre
OK, yeah.
0:8:4.180 --> 0:8:4.770
Dhruvesh Kalathiya
OK, I'll.
0:8:4.60 --> 0:8:7.700
Samyak Parakh
Or should I change it or due date because it's of 23rd of June?
0:8:7.480 --> 0:8:8.40
Gangadhar Agre
Yeah.
0:8:8.150 --> 0:8:9.260
Gangadhar Agre
Yeah, you can change it.
0:8:10.280 --> 0:8:11.0
Samyak Parakh
Ohh.
0:8:10.330 --> 0:8:11.930
Gangadhar Agre
You can make it 33 zero.
0:8:13.440 --> 0:8:13.720
Samyak Parakh
OK.
0:8:18.300 --> 0:8:18.460
Gangadhar Agre
Yeah.
0:8:17.220 --> 0:8:22.670
Vivek Kadoo
Gangadhar in that UVU case yesterday I found one dashboard.
0:8:22.980 --> 0:8:27.230
Vivek Kadoo
There is some company who's working on this green in name.
0:8:27.830 --> 0:8:28.50
Gangadhar Agre
Yeah.
0:8:28.450 --> 0:8:33.50
Vivek Kadoo
In that dashboard, they were also talking about the cost saving.
0:8:33.830 --> 0:8:39.430
Vivek Kadoo
So how much cost they're saving per hour and per day?
0:8:40.370 --> 0:8:42.640
Gangadhar Agre
Yeah, we, we are also getting that KPI.
0:8:42.650 --> 0:8:43.120
Gangadhar Agre
OK.
0:8:43.130 --> 0:8:48.260
Gangadhar Agre
But because our major focus was towards the use case, we haven't worked major on the dashboard part.
0:8:48.750 --> 0:8:52.0
Gangadhar Agre
But now, like you are there, so we can give you that data.
0:8:52.10 --> 0:8:53.140
Gangadhar Agre
So you can make that KPI.
0:8:53.290 --> 0:8:54.720
Vivek Kadoo
So do we have?
0:8:54.770 --> 0:9:0.690

Vivek Kadoo
Uh, I think the cost calculation or that is?
0:9:0.610 --> 0:9:0.780
Dhruvesh Kalathiya
Yeah.
0:9:0.50 --> 0:9:1.420
Gangadhar Agre
Yes, yes. Yeah.
0:9:6.600 --> 0:9:7.0
Vivek Kadoo
Ohh.
0:9:9.600 --> 0:9:10.520
Vivek Kadoo
Hmm hmm.
0:9:1.430 --> 0:9:19.670
Gangadhar Agre
We're we're deriving that we we already like, we will get that cost saving also that is that is what exactly we want to showcase to the customer OK without a you can save you will get this cost OK and with that I will get this cost OK and after like one day you can say you save $20.00 and with you can't.
0:9:18.550 --> 0:9:23.550
Vivek Kadoo
You know, right, big.
0:9:22.740 --> 0:9:25.520
Gangadhar Agre
Yeah, we will give them KPI like once.
0:9:25.630 --> 0:9:27.520
Gangadhar Agre
Yeah, the model finalization is done.
0:9:27.530 --> 0:9:27.960
Gangadhar Agre
OK.
0:9:28.480 --> 0:9:28.760
Vivek Kadoo
Umm.
0:9:28.70 --> 0:9:35.100
Gangadhar Agre
Meanwhile, once you get the tooth that like around 32 columns are there, once you get an understood that columns I think yeah.
0:9:35.160 --> 0:9:36.730
Gangadhar Agre
Then we can we can do that keep page also.
0:9:37.670 --> 0:9:40.680
Vivek Kadoo
And uh, I found there is no date column in it.
0:9:41.630 --> 0:9:42.200
Gangadhar Agre
Right, right.
0:9:42.210 --> 0:9:43.340
Gangadhar Agre
That is the that is the miss.
0:9:43.350 --> 0:9:43.780
Gangadhar Agre
OK.
0:9:44.210 --> 0:9:47.600
Gangadhar Agre
So we we should that should be time series data.
0:9:47.690 --> 0:9:47.950
Gangadhar Agre
OK.
0:9:48.160 --> 0:9:48.520
Vivek Kadoo
Ohh.
0:9:48.950 --> 0:9:51.500
Gangadhar Agre
Yeah, but uh, that is synthetic.
0:9:51.510 --> 0:9:51.800
Gangadhar Agre
That does.
0:9:56.710 --> 0:9:57.670
Vivek Kadoo
OK, bye.
0:9:51.810 --> 0:9:57.800

Gangadhar Agre
So that's again need to be looking, but majorly we are creating a date column again now yeah.
0:10:0.270 --> 0:10:5.840

Samyak Parakh
You know, uh Bangar, this is I guess this is your task, demons in detail.
0:10:5.80 --> 0:10:6.770

Gangadhar Agre
It's. Yeah.
0:10:6.780 --> 0:10:9.810

Gangadhar Agre
So the yeah, before 30 I will be giving this demos. OK?
0:10:9.980 --> 0:10:13.530

Gangadhar Agre
I already created the demos OK yeah, you can mention.
0:10:13.720 --> 0:10:16.570

Gangadhar Agre
Yeah, like 282828.
0:10:12.900 --> 0:10:16.910

Samyak Parakh
OK, party into it.
0:10:17.870 --> 0:10:18.420

Samyak Parakh
OK.
0:10:18.480 --> 0:10:20.460

Samyak Parakh
And exploring model garden.
0:10:21.870 --> 0:10:22.860

Gangadhar Agre
That is done.
0:10:23.290 --> 0:10:24.450

Gangadhar Agre
Just demo is remaining.
0:10:20.470 --> 0:10:25.640

Samyak Parakh
This is completed or OK or OK.
0:10:27.880 --> 0:10:28.920

Gangadhar Agre
I need to add the comments.
0:10:30.800 --> 0:10:31.560

Samyak Parakh
Are you home?
0:10:31.890 --> 0:10:32.950

Samyak Parakh
Tigers medicine.
0:10:39.240 --> 0:10:40.10

Samyak Parakh
I'm already there.
0:10:40.480 --> 0:10:41.270

Gangadhar Agre
Can you can you go up?
0:10:42.530 --> 0:10:42.770

Samyak Parakh
Umm.
0:10:45.350 --> 0:10:46.160

Gangadhar Agre
Yeah, it is.
0:10:46.170 --> 0:10:48.210

Gangadhar Agre
If you click on right side it will get closed.
0:10:50.340 --> 0:10:51.60

Samyak Parakh
Very trade real.
0:10:51.880 --> 0:10:53.110

Samyak Parakh
It's already closed right now.
0:10:52.630 --> 0:10:54.750

Gangadhar Agre
Everything that will set picker or closer.
0:10:56.930 --> 0:10:58.0

Samyak Parakh
I've already close Olga.

0:10:58.460 --> 0:10:59.350
Gangadhar Agre
Alright, OK then, yeah.
0:11:2.890 --> 0:11:6.770
Samyak Parakh
Yogesh, so deviation, is your deep landed.
0:11:6.640 --> 0:11:6.910
Gangadhar Agre
We.
0:11:7.730 --> 0:11:9.500
Yogesh Rajgure
E Yeah, it is almost complete.
0:11:9.510 --> 0:11:13.190
Yogesh Rajgure
Only exam is remaining, yeah.
0:11:13.50 --> 0:11:13.640
Samyak Parakh
Opening.
0:11:38.70 --> 0:11:39.100
Samyak Parakh
And GCPS.
0:11:39.730 --> 0:11:41.710
Yogesh Rajgure
And yeah, that one is going on.
0:11:39.970 --> 0:11:46.410
Samyak Parakh
This is also certified I guess or OK you have to ask them, OK.
0:11:46.490 --> 0:11:48.0
Gangadhar Agre
Yeah, we had discussion.
0:11:48.490 --> 0:11:48.670
Yogesh Rajgure
Yeah.
0:11:48.430 --> 0:11:49.650
Gangadhar Agre
I can, yeah.
0:11:56.510 --> 0:11:59.170
Samyak Parakh
Harsha GCP data migration to big query.
0:12:0.790 --> 0:12:2.430
Sri Harsha Vempaati
Yeah, I started.
0:12:1.860 --> 0:12:3.650
Samyak Parakh
I think you have to give Demo right?
0:12:5.430 --> 0:12:6.510
Sri Harsha Vempaati
Yeah, currently working.
0:12:8.540 --> 0:12:9.320
Sri Harsha Vempaati
You have to come.
0:12:8.430 --> 0:12:13.230
Gangadhar Agre
Yes, you can mention the demo and date should be like 27.
0:12:14.180 --> 0:12:16.550
Gangadhar Agre
Yeah, you you have to wrap up Harsha.
0:12:16.600 --> 0:12:18.700
Gangadhar Agre
This is bit like taking longer time.
0:12:19.880 --> 0:12:20.60
Sri Harsha Vempaati
Yeah.
0:12:18.850 --> 0:12:29.620
Gangadhar Agre
OK yeah, I tried to finish it on at least 27 so we can showcase to the management because yeah, after certain time there there will be like
comments from the engine.
0:12:29.630 --> 0:12:31.640
Gangadhar Agre
They are asking like what you are working.
0:12:33.0 --> 0:12:33.190

Sri Harsha Vempaati
Yeah.
0:12:31.690 --> 0:12:35.760
Gangadhar Agre
OK, so we should be able to justify, OK, you have given the demo and that's all.
0:12:37.280 --> 0:12:37.420
Sri Harsha Vempaati
Yeah.
0:12:36.50 --> 0:12:38.260
Gangadhar Agre
OK. Yeah.
0:12:38.270 --> 0:12:40.950
Gangadhar Agre
So like you spend two months, three months, that is fine.
0:12:41.0 --> 0:12:46.170
Gangadhar Agre
OK, but there should be certain demo or at least your blocker should be discussed or showcased to the team.
0:12:46.180 --> 0:12:55.570
Gangadhar Agre
That is our expectation, not like every time demo, but whatever you are doing that should be presented to us someone or like that should be to group of people so they will update.
0:12:55.580 --> 0:12:55.790
Gangadhar Agre
OK.
0:12:55.800 --> 0:12:57.710
Gangadhar Agre
Yeah, you are doing this OK.
0:12:57.750 --> 0:12:58.140
Sri Harsha Vempaati
Nothing.
0:12:58.890 --> 0:13:1.240
Gangadhar Agre
Yeah, this is not for like you.
0:13:1.370 --> 0:13:2.790
Gangadhar Agre
It is applicable for me also.
0:13:4.0 --> 0:13:4.210
Sri Harsha Vempaati
Yes.
0:13:5.100 --> 0:13:6.870
Gangadhar Agre
Yeah, because that is where we showcase either.
0:13:6.880 --> 0:13:7.150
Gangadhar Agre
OK.
0:13:7.160 --> 0:13:7.930
Gangadhar Agre
Yeah, we are doing.
0:13:13.560 --> 0:13:13.840
Sri Harsha Vempaati
OK.
0:13:7.940 --> 0:13:14.520
Gangadhar Agre
But we're facing challenges or neutral result channels like you are not doing anything, yeah.
0:13:17.780 --> 0:13:20.230
Samyak Parakh
OK, so this is my update.
0:13:21.600 --> 0:13:24.880
Samyak Parakh
Uh, this is already done.
0:13:25.590 --> 0:13:30.480
Samyak Parakh
Ohh this we don't require as of now right? Another.
0:13:31.0 --> 0:13:32.460
Gangadhar Agre
Yeah, you can delete it out from there.
0:13:33.840 --> 0:13:34.30
Samyak Parakh
No.
0:13:34.40 --> 0:13:34.450
Samyak Parakh

OK.
0:13:36.90 --> 0:13:39.10
Samyak Parakh
And this is we are on a halfway.
0:13:39.820 --> 0:13:49.610
Samyak Parakh
So I'm just looking like how to integrate with the postman so I will be completed by today only.
0:13:50.0 --> 0:13:54.980
Samyak Parakh
So this week or next week on the we plan for demo.
0:13:55.870 --> 0:13:56.810
Gangadhar Agre
Yeah, this this week.
0:13:56.820 --> 0:13:57.110
Gangadhar Agre
This week.
0:13:58.180 --> 0:13:58.530
Samyak Parakh
OK.
0:13:59.350 --> 0:14:5.50
Gangadhar Agre
Yeah, because today if it is getting complete, then we will plan new things for you from tomorrow onwards.
0:14:6.60 --> 0:14:6.660
Samyak Parakh
Uh, OK.
0:14:18.230 --> 0:14:19.410
Gangadhar Agre
She is not there.
0:14:18.240 --> 0:14:20.820
Samyak Parakh
Uh, OK, not there.
0:14:25.0 --> 0:14:25.440
Somalaraju reddeiah raju
You can.
0:14:25.690 --> 0:14:26.590
Somalaraju reddeiah raju
How is Amit?
0:14:21.690 --> 0:14:27.200
Samyak Parakh
And then DV2 Snowflake and I do hi.
0:14:27.210 --> 0:14:35.360
Somalaraju reddeiah raju
Iyer, I'm not able to build models now I can able to build models and preparing some template language.
0:14:36.110 --> 0:14:36.860
Somalaraju reddeiah raju
Ohh no problem.
0:14:38.660 --> 0:14:39.780
Samyak Parakh
OK, you already updated.
0:14:40.780 --> 0:14:41.600
Samyak Parakh
All the video.
0:14:36.870 --> 0:14:43.920
Somalaraju reddeiah raju
I updated yes, yes I I can able to use ginger as well.
0:14:44.310 --> 0:14:44.760
Somalaraju reddeiah raju
No, no.
0:14:44.770 --> 0:14:47.320
Somalaraju reddeiah raju
Preparing the Bigquery basics document.
0:14:48.730 --> 0:14:50.290
Somalaraju reddeiah raju
Yeah, I will update by your body.
0:14:51.690 --> 0:14:54.610
Samyak Parakh
OK, any demo you are planning?
0:14:57.270 --> 0:14:57.620
Samyak Parakh
So which?
0:14:54.90 --> 0:15:0.940

Somalaraju reddeiah raju
Yeah, I I I prepared demo on maybe this week or next week based on Gangadhar and Bedwell Nation.
0:15:1.370 --> 0:15:1.880
Somalaraju reddeiah raju
I will give you.
0:15:2.940 --> 0:15:3.280
Samyak Parakh
OK.
0:15:8.270 --> 0:15:8.880
Somalaraju reddeiah raju
Churchill.
0:15:2.920 --> 0:15:13.930
Gangadhar Agre
OK, so so let's like quickly connect Raju today whenever you get time, we'll see the demo like in in which business lines we can like look into that demo, OK.
0:15:14.120 --> 0:15:14.370
Somalaraju reddeiah raju
Sure.
0:15:14.20 --> 0:15:18.350
Gangadhar Agre
And the documentations try to finish today and share across like Vivek.
0:15:18.860 --> 0:15:19.250
Gangadhar Agre
Yeah.
0:15:19.260 --> 0:15:21.90
Gangadhar Agre
So Vivek, you are working on Bigquery, right?
0:15:21.100 --> 0:15:24.910
Gangadhar Agre
So you will get idea like what is the difference between big query and other SQL things.
0:15:25.990 --> 0:15:26.270
Vivek Kadoo
OK.
0:15:25.80 --> 0:15:29.240
Gangadhar Agre
OK, let us type in structure so that will be like short.
0:15:29.870 --> 0:15:30.260
Gangadhar Agre
Yeah.
0:15:30.270 --> 0:15:33.710
Gangadhar Agre
And yesterday Akash also shared one link on the big query data structures.
0:15:33.860 --> 0:15:40.310
Gangadhar Agre
OK, so that will help you to understand like a difference between the existing database structures and the big query.
0:15:40.390 --> 0:15:44.770
Gangadhar Agre
So it will not get you challenges on the debt dashboarding side?
0:15:45.520 --> 0:15:46.110
Vivek Kadoo
OK. Yeah.
0:15:47.600 --> 0:15:48.50
Gangadhar Agre
OK.
0:15:48.60 --> 0:15:48.410
Gangadhar Agre
Yeah.
0:15:48.520 --> 0:15:49.360
Samyak Parakh
Any other update?
0:15:48.480 --> 0:15:50.280
Gangadhar Agre
So Harsha today, yeah.
0:15:50.230 --> 0:15:51.130
Samyak Parakh
The following.
0:15:54.290 --> 0:15:58.740
Samyak Parakh
I miss something or any other update on any other task.
0:16:1.700 --> 0:16:6.790
Gangadhar Agre

I think yeah, 1 update is that like I think from the G we got that thing.
0:16:6.840 --> 0:16:8.430
Gangadhar Agre
OK, I think they signed the MSA.
0:16:9.370 --> 0:16:9.610
Samyak Parakh
Umm.
0:16:8.500 --> 0:16:9.750
Gangadhar Agre
OK, let's see.
0:16:9.760 --> 0:16:11.970
Gangadhar Agre
Like if we get ahead then yeah.
0:16:11.980 --> 0:16:17.770
Gangadhar Agre
So we will be engaging soon then like someone from like you and some make also I think they shared the profile.
0:16:17.810 --> 0:16:19.920
Gangadhar Agre
So you had interview right Samyak or not?
0:16:20.720 --> 0:16:21.530
Samyak Parakh
No, no, no, no.
0:16:25.60 --> 0:16:25.680
Gangadhar Agre
OK, great.
0:16:21.580 --> 0:16:27.680
Samyak Parakh
I haven't interviewed yesterday, so maybe it will be today or tomorrow.
0:16:28.370 --> 0:16:29.200
Gangadhar Agre
Right, right, right.
0:16:35.380 --> 0:16:35.710
Samyak Parakh
Where?
0:16:36.990 --> 0:16:37.310
Vivek Kadoo
OK.
0:16:29.210 --> 0:16:38.10
Gangadhar Agre
So we're like primarily propose you there probability that is like 100% you are going there for a Jeep Jeep, yeah.
0:16:39.430 --> 0:16:39.980
Samyak Parakh
OK.
0:16:39.910 --> 0:16:40.190
Vivek Kadoo
OK.
0:16:41.830 --> 0:16:41.960
Yogesh Rajgure
Yeah.
0:16:40.470 --> 0:16:44.550
Samyak Parakh
Ohh, on the basis of Python or any other technology profile.
0:16:43.900 --> 0:16:44.730
Gangadhar Agre
No, no, it is.
0:16:47.630 --> 0:16:48.220
Samyak Parakh
OK.
0:16:48.230 --> 0:16:49.500
Samyak Parakh
OK, OK, got it.
0:16:49.510 --> 0:16:49.740
Samyak Parakh
Got it.
0:16:44.740 --> 0:16:52.790
Gangadhar Agre
It is BA plus visualization Rd somewhere but with combination of GCP text stack and Tableau.
0:16:53.640 --> 0:16:54.880
Samyak Parakh
Uh, OK, thank you.
0:16:54.730 --> 0:16:58.350

Gangadhar Agre
Yeah, the IT is mixed role like BA then the yeah.
0:17:3.280 --> 0:17:3.500
Samyak Parakh
You know.
0:17:7.460 --> 0:17:7.990
Samyak Parakh
Uh, OK.
0:16:58.360 --> 0:17:8.590
Gangadhar Agre
So that that is he will get the developers too like 2335 developer and we're trying to like pull Sheetal also OK possible because she is certified.
0:17:8.850 --> 0:17:9.680
Gangadhar Agre
Tableau developer, right?
0:17:10.500 --> 0:17:10.640
Gangadhar Agre
Yeah.
0:17:10.270 --> 0:17:10.920
Samyak Parakh
Very tight.
0:17:11.530 --> 0:17:11.880
Gangadhar Agre
OK.
0:17:17.850 --> 0:17:18.150
Samyak Parakh
Hmm.
0:17:12.350 --> 0:17:22.460
Gangadhar Agre
So Akash, you can help us to get some trainings on the tableau, OK, like you can you can plan like 2-3 sessions for team.
0:17:22.500 --> 0:17:24.700
Gangadhar Agre
OK, we'll skip out our status call.
0:17:24.710 --> 0:17:28.230
Gangadhar Agre
We'll take your whatever the sessions you take, OK?
0:17:30.550 --> 0:17:31.90
Akash Panwar
OK, sure.
0:17:31.690 --> 0:17:32.80
Gangadhar Agre
Yeah.
0:17:32.90 --> 0:17:33.580
Gangadhar Agre
So you just create a content.
0:17:33.590 --> 0:17:34.670
Gangadhar Agre
What is the important like?
0:17:34.680 --> 0:17:36.420
Gangadhar Agre
Suppose two started with Power BI.
0:17:36.490 --> 0:17:38.500
Gangadhar Agre
Sorry, not power BI tableau, OK?
0:17:38.630 --> 0:17:39.40
Gangadhar Agre
What?
0:17:39.90 --> 0:17:46.770
Gangadhar Agre
What is like basic that should be like someone should able to like basic graphs and things OK and then professional things you can just give the advices what needs to be done.
0:17:47.890 --> 0:17:48.230
Akash Panwar
OK.
0:17:47.620 --> 0:17:52.150
Gangadhar Agre
OK, so the three demos we will, we will expect like at least 4545 minutes.
0:17:52.160 --> 0:17:52.470
Gangadhar Agre
OK.
0:17:52.540 --> 0:17:55.130
Gangadhar Agre

You plan accordingly like and give me the content.
0:17:55.140 --> 0:17:56.640
Gangadhar Agre
I will just block the calendar.
0:17:58.760 --> 0:18:6.800
Akash Panwar
OK, now Gangadhar, even in one session only right if we are going through the basics, one session is enough for Tableau.
0:18:7.250 --> 0:18:15.310
Gangadhar Agre
No, no, no, we we want it to be like bit bit of proper demo like suppose in one session you go with basics in seconds session.
0:18:15.320 --> 0:18:26.800
Gangadhar Agre
You create one dashboards whatever you created OK and 3rd sessions you go with that one concept so it will be break OK because see you expert you can explain in one session that will be good.
0:18:26.810 --> 0:18:27.40
Gangadhar Agre
OK.
0:18:27.50 --> 0:18:34.630
Gangadhar Agre
But for these guys like it will be OK like bit like let's let's concepts will be easy to take, right?
0:18:36.920 --> 0:18:38.190
Gangadhar Agre
Yeah, one session.
0:18:38.420 --> 0:18:38.770
Gangadhar Agre
No.
0:18:38.780 --> 0:18:41.580
Gangadhar Agre
We'll go with three at least we can detect you are 30 minutes or so.
0:18:41.590 --> 0:18:54.470
Gangadhar Agre
That is also fine, but we want like break into the multiple sessions so we can get that idea clearly so they can get some time they can go again whatever, you know, like told and or it's.
0:18:57.650 --> 0:18:59.780
Gangadhar Agre
We will discuss how we are going to plan.
0:18:59.790 --> 0:19:1.860
Gangadhar Agre
OK, so first basics of Tableau.
0:19:1.870 --> 0:19:6.450
Gangadhar Agre
Second, any use case implementation and third one will go with advanced concepts in Tableau.
0:19:9.210 --> 0:19:9.670
Akash Panwar
OK.
0:19:8.970 --> 0:19:10.510
Gangadhar Agre
Is that make sense? Yeah.
0:19:15.310 --> 0:19:15.660
Gangadhar Agre
OK.
0:19:15.670 --> 0:19:16.60
Gangadhar Agre
Yeah.
0:19:16.130 --> 0:19:20.200
Gangadhar Agre
Now if anyone have any question they can like speak up or we can close the call.
0:19:23.740 --> 0:19:24.920
Vivek Kadoo
No, no, that was good.
0:19:23.590 --> 0:19:25.560
Samyak Parakh
Or are you planning to connect today?
0:19:26.650 --> 0:19:27.150
Gangadhar Agre
Yes, yes.
0:19:27.160 --> 0:19:27.330
Gangadhar Agre
Yeah.
0:19:28.720 --> 0:19:29.120
Samyak Parakh

Ohh.
0:19:28.690 --> 0:19:30.30
Gangadhar Agre
The big you are saying something.
0:19:30.530 --> 0:19:31.380
Vivek Kadoo
No, no, I'm good.
0:19:32.670 --> 0:19:33.240
Gangadhar Agre
Right, right.
0:19:33.250 --> 0:19:33.540
Gangadhar Agre
Yeah.
0:19:33.590 --> 0:19:36.480
Gangadhar Agre
So so I think everyone will get this experience like some mix.
0:19:36.540 --> 0:19:40.430
Gangadhar Agre
So tomorrow, maybe the Raju will take the responsibility of call.
0:19:40.720 --> 0:19:42.370
Gangadhar Agre
Make sure you join from your laptop.
0:19:43.740 --> 0:19:44.170
Gangadhar Agre
OK.
0:19:45.100 --> 0:19:45.640
Somalaraju reddeiah raju
Sure, sure.
0:19:44.740 --> 0:19:47.750
Gangadhar Agre
Yep, yeah, yeah.
0:19:47.760 --> 0:19:48.360
Gangadhar Agre
Thanks everyone.
0:19:48.700 --> 0:19:49.130
Gangadhar Agre
Thanks.
0:19:49.920 --> 0:19:50.280
Vivek Kadoo
Thank you.
0:19:49.960 --> 0:19:50.490
Gangadhar Agre
Have a good day.
0:19:50.650 --> 0:19:50.920
Sri Harsha Vempaati
OK.
0:19:50.940 --> 0:19:51.630
Samyak Parakh
And everyone.
0:19:52.70 --> 0:19:52.440
Akash Panwar
Thank you.
0:19:53.380 --> 0:19:53.820
Somalaraju reddeiah raju
Thanks all.
0:19:54.800 --> 0:19:55.220
Dhruvesh Kalathiya
Thank you.

Figure 2: Output

Meeting Minutes

Summary: The team discussed progress on various tasks, including data source connection, dashboard development, predictive maintenance analysis, and training. They also addressed the need for additional Tableau training sessions and the signing of an MSA with a new client.

Action Items: Akash Panwar to plan and deliver 2-3 Tableau training sessions for the team,

covering basics, use case implementation, and advanced concepts.

Gangadhar Agre to connect with Raju to review the BigQuery demo and share BigQuery documentation with Vivek Kadoo.

4.   Discussion

The growing use of virtual meetings in academic and professional settings has made it necessary to provide tools that can assist participants in organizing and condensing the frequently deluge of data produced during these sessions. An important step toward meeting this demand is the suggested Teams Meet summarizer, which makes use of cutting-edge AI technologies like Google Gemini and ChatGPT. With citations to relevant works and technology, this conversation examines the methodology's ramifications, possible advantages, drawbacks, and unmet research needs in this developing subject.

The development of meeting summary tools is a reflection of the larger expansion of technology solutions intended to boost efficiency in the workplace. Prioritizing speech-to-text conversion, early systems like Otter.ai and Rev provided precise transcripts of conversations but required users to manually highlight important parts (Otter.ai, 2024; Rev.com, 2024). Although these instruments were useful for preserving records, they required a lot of human labor since they lacked the intelligence to identify insights that might be put to use.

A revolutionary step was taken with the incorporation of AI-driven models. Participants' cognitive burden was lessened by tools like Fathom for Zoom and Microsoft Teams' integrated summarizing features, which started to extract action items and important points from meetings (Microsoft, 2024; Fathom, 2024). These early versions, however, frequently failed to handle complex conversations or produce summaries with useful depth. More complex natural language processing (NLP) technologies that can recognize context and sentiment were made possible by advanced AI models like BERT (Devlin et al., 2019). Unmatched contextual awareness and generative powers are promised with the release of next-generation models like Google Gemini and ChatGPT today (OpenAI, 2024; Google, 2024).

By automating the production of precise, useful summaries, a Teams Meet summarizer driven by Google Gemini and ChatGPT increases meeting efficiency. By processing vast amounts of conversational data quickly and accurately, it ensures that important points and action items are recorded, saving time. The tool improves clarity and follow-up by organizing ideas around tasks, responsibilities, and deadlines. While sophisticated AI adjusts to distinct terminology and styles for customized results, its scalability serves both small teams and huge companies. It avoids misunderstandings and increases meeting efficiency by lowering mistakes and bringing participants together around shared goals.

Despite its promise, the Teams Meet summarizer has drawbacks, including the possibility of missing subtle insights, privacy issues with handling sensitive data, and the danger of depending too much on AI. While AI has trouble fully grasping context in dynamic or sophisticated interactions, high expenses might restrict accessibility for smaller users. Performance might also be impacted by technical problems like erratic audio quality or internet access. In order to overcome these constraints and improve accessibility, contextual correctness, and dependability while maintaining strong data security, constant innovation and

cooperation are needed.

Enhancing AI's comprehension of complex context, such as tone and sarcasm, and adjusting to language and cultural variances through multilingual datasets and cultural intelligence are key components in filling research gaps in meeting summarization technologies. One of the primary challenges is managing dynamic discussions with interruptions and subject switches while preserving coherence, as well as real-time summarization with minimal latency. Accuracy and usefulness can be increased by implementing user feedback tools for changing and evaluating summaries. It will take multidisciplinary initiatives combining advances in AI with knowledge from languages, psychology, and user experience design to close these gaps.

There are significant ethical questions raised by the creation and use of AI-powered meeting summarizers. Gaining people' confidence requires being open and honest about how AI algorithms use and retain data. Organizations must place a high priority on ethical AI methods, making sure that data security and privacy are always maintained. Furthermore, attempts must to be made to lessen biases in AI models, especially when handling a variety of language and cultural inputs. Fairness-focused assessment measures and inclusive training datasets can aid in resolving these issues.

For teams and organizations, using a Teams Meet summarizer has important real-world ramifications. The application can help participants save time by automating the summary process, freeing them up to concentrate on strategic duties rather than administrative burdens. The results of structured meetings can increase accountability by making sure that everyone involved is aware of their roles and due dates. Additionally, the solution's scalability makes it appropriate for a variety of use cases, ranging from intimate team meetings to expansive conferences.

In the future, meeting summary tool development will probably concentrate on enhancing integration with current workflows and platforms. For instance, a smooth interaction with email clients, task management software, and calendar systems might improve the summarizer's usefulness. Features that allow for real-time collaboration, such sharing meeting summaries, can increase team productivity even further. Furthermore, AI developments like the incorporation of multimodal models that interpret text and audio-visual inputs have the potential to completely transform the recording and analysis of meetings.

5.   Conclusion

An interesting development in the area of meeting management is the Teams Meet summarizer, which makes use of Google Gemini and ChatGPT. The application tackles important issues that contemporary teams encounter by automating the extraction of useful insights and duties. Although there are clear advantages, in order to reach its full potential, issues with privacy, contextual awareness, and technological constraints must be resolved. With the ongoing advancements in AI research and development, meeting summarization technologies have a bright future ahead of them, providing game-changing solutions for collaboration and productivity in a variety of contexts.

References

1. Otter.ai. (2024). Otter Voice Meeting Notes. Retrieved from https://otter.ai
2. Microsoft. (2024). Microsoft Teams Meeting Notes and Summarization. Retrieved from https://www.microsoft.com/microsoft-teams
3. Rev.com. (2024). Transcription Services. Retrieved from https://www.rev.com
4. Devlin, J., Chang, M. W., Lee, K., & Toutanova, K. (2019). BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding. In Proceedings of NAACL-HLT 2019. Retrieved from https://arxiv.org/abs/1810.04805
5. OpenAI. (2024). ChatGPT: Optimizing Language Models for Dialogue. Retrieved from https://openai.com
6. Google. (2024). Introducing Gemini: The Next Generation AI Model. Retrieved from https://ai.google
7. Fathom. (2024). Fathom for Zoom: Meeting Insights and Follow-Up. Retrieved from https://fathom.video