

PREDICTIVE ANALYTICS ASSIGNMENT

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APPOINTMENT SCHEDULING CHATBOT USING GOOGLE DIALOG BOX

These are the training phases I've used:

- The bot is trained with these phrases.
- In this training phrases, set an appointment is the sentence which acts as an intent here.
- Then the time(pm,am) and week names act as specifications(entities)

The screenshot shows the Google Dialogflow console interface. The top navigation bar includes a menu icon, the title 'Schedule appointment', a 'SAVE' button, and an 'Update' button. The main content area is titled 'Training phrases' and includes a search bar. A yellow warning banner states: 'Template phrases are deprecated and will be ignored in training time. More details here.' Below this, a text box explains that Dialogflow matches user input to training phrases and fills in parameters using annotations. A list of training phrases is shown, each with a speech bubble icon and a yellow highlight for the time and day: 'Add user expression', 'I would like to set appointment for 3 PM on tuesday', 'Need an appointment for 4 PM tomorrow', and 'Set an appointment on Wednesday at 2 PM'. On the right, a 'Try it now' section contains a microphone icon and a message: 'Please use test console above to try a sentence.'

These are the action and parameters:

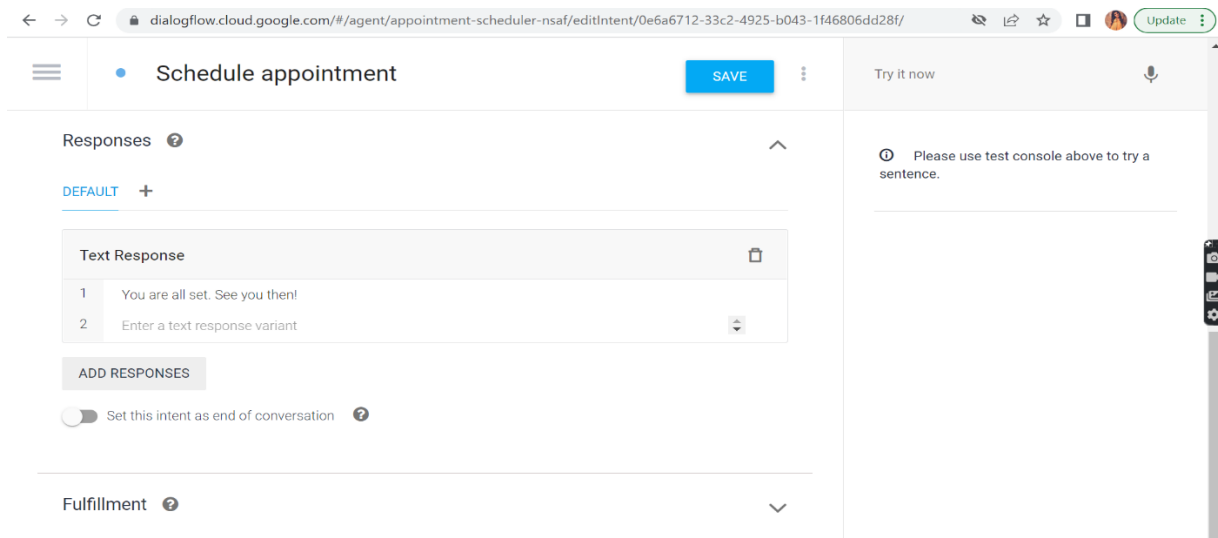
- Here it is given as what a bot should mention or ask for when a customer asks for an appointment.
- After client asks for appointment, bot will first ask on what date?
- After getting to know the date bot will check and ask for the time. Then it confirms if you're appointment is set or not.

The screenshot shows the Google Dialogflow console interface, specifically the 'Action and parameters' section. The top navigation bar is identical to the previous screenshot. The main content area is titled 'Action and parameters' and includes a search bar. A text box explains that Dialogflow matches user input to training phrases and fills in parameters using annotations. Below this, a table lists the parameters for the 'Schedule appointment' intent. The table has columns for 'REQUIRED', 'PARAMETER NAME', 'ENTITY', 'VALUE', 'IS LIST', and 'PROMPTS'. The first two rows are for 'date' and 'time', both marked as required. The third row is for 'Enter name', which is not required. A '+ New parameter' link is at the bottom left. On the right, a 'Try it now' section contains a microphone icon and a message: 'Please use test console above to try a sentence.'

REQUIRED	PARAMETER NAME	ENTITY	VALUE	IS LIST	PROMPTS
<input checked="" type="checkbox"/>	date	@sys.date	\$date	<input type="checkbox"/>	At what date? [...]
<input checked="" type="checkbox"/>	time	@sys.time	\$time	<input type="checkbox"/>	time? [1]
<input type="checkbox"/>	Enter name	Enter entity	Enter value	<input type="checkbox"/>	—

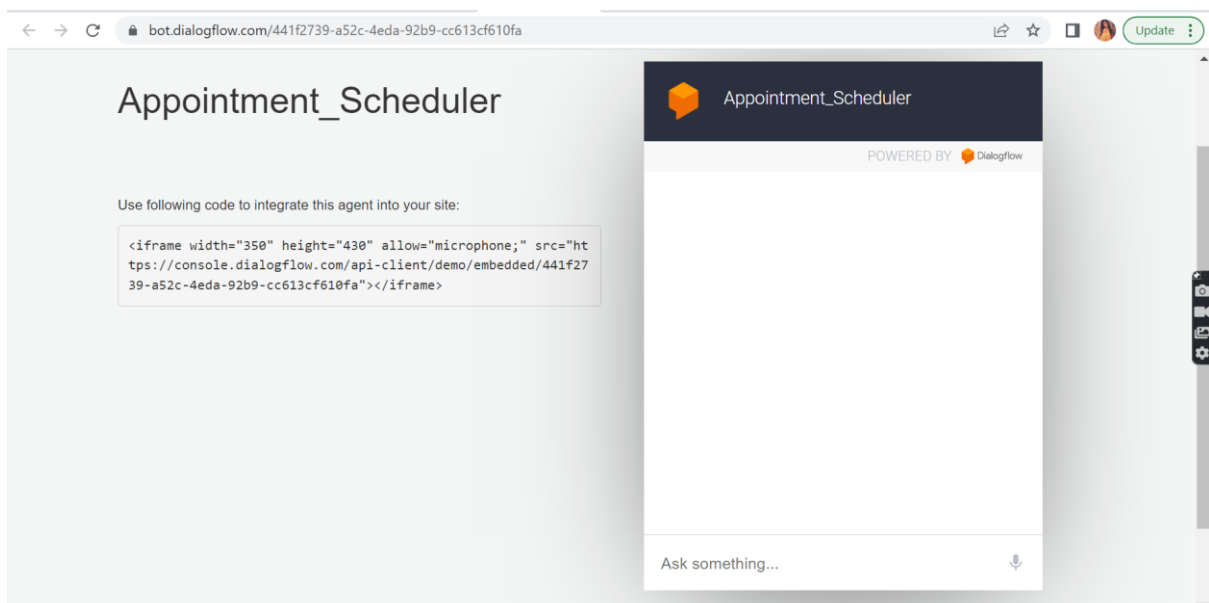
These are the responses given :

- Once you give the enough information asked, bot will display the below mentioned response.



Integrated Appointment Scheduler Chatbot:

- After giving intents and entities, we'll try to see the demo of our chatbot.
- This is it:



My conversation with the robot:

Appointment_Scheduler

Use following code to integrate this agent into your site:

```
<iframe width="350" height="430" allow="microphone;" src="https://console.dialogflow.com/api-client/demo/embedded/441f2739-a52c-4eda-92b9-cc613cf610fa"></iframe>
```

hi

Good day! What can I do for you today?

i wanna book an appointment

At what date?

tomorrow

Ask something...

Appointment_Scheduler

Use following code to integrate this agent into your site:

```
<iframe width="350" height="430" allow="microphone;" src="https://console.dialogflow.com/api-client/demo/embedded/441f2739-a52c-4eda-92b9-cc613cf610fa"></iframe>
```

At what date?

tomorrow

time?

12pm

You are all set. See you then!

Ask something...