

What is Project Astra?

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About Project Astra:

- It is a new **multimodal AI agent** developed by **Google**.
- It is capable of answering **real-time questions** fed to it through text, video, images, and speech by pulling up the relevant information.
- It can see the world, remember where one has left a thing and even answer if a computer code is correct by looking at it through the phone's camera.
- It even answers if a **computer code** is correct by looking at it through the phone's camera.
- It is more straight-forward, there is no range of emotional diversity in its voice.
- It is **not limited to smartphones**. Google also showed it being used with a pair of smart glasses.
- Project Astra can learn about the world, making it as close as possible to a human-assistant-like experience.

What is multimodal model AI?

- A multimodal model is a **ML (machine learning)** model that is **capable of processing information from different modalities**, including images, videos, and text.
 - For example, Google's multimodal model, Gemini, can receive a photo of a plate of cookies and generate a written recipe as a response and vice versa.

- This model expands on generative capabilities, processing information from multiple modalities, including images, videos, and text. Multimodality can be thought of as giving AI the ability to process and understand **different sensory modes**.
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Q1: What is Generative AI?

Generative AI, or generative artificial intelligence, is a form of artificial intelligence (AI) in which algorithms automatically produce content in the form of text, images, audio, and video.

Source: AI's 'Her' moment: OpenAI's GPT-4o and Google's Project Astra make real-life strides

Source: <https://vajiramandravi.com/current-affairs/project-astra/>

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