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- Bucharest, Romania 🕕
- tips & tricks on tere.ro
- some of the repos I maintain: (andreitere
- Say hi at X andreiterecoasa



The AI Revolution 🦖

Transforming industries with automation, customer support, and content generation.

nefits:

Jnderstands natural language.

Automates repetitive tasks.

Scalable and adaptable to various industries

Opportunities:

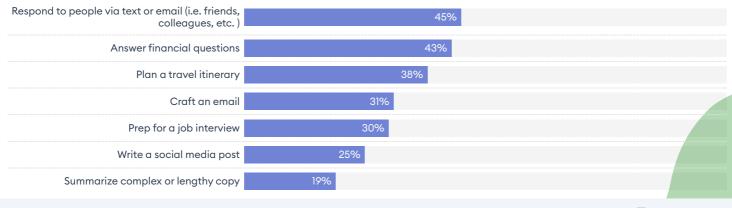
- Faster, more efficient workflows.
- Enhanced, personalized user experiences.
- Potential for new product innovations.





How is AI used?





Forbes ADVISOR Source: Forbes Advisor • Embed



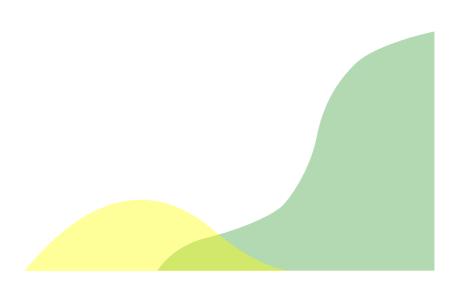
Gemini





Vertex AI Model Garden

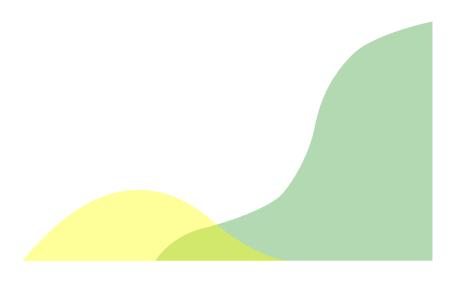




Vertex AI Studio







Google AI Studio



Calling Gemini Models through VertexAI?

VIA REST CALLS

Calling Gemini Models through VertexAI?

```
import google generativeai as genai
model = genai.GenerativeModel
             'gemini-1.5-flash'
            generation_config={"response_mime_type": "application/json"}
model.generate_content("Explain how AI works")
```

- https://aistudio.google.com/
- get started faster
- straightforward

- https://console.cloud.google.com/vertexai/studio/freeform
- For scaled deployments with **enterprise** ready

```
data privacy and governance.
```

```
Google Developer Groups X andreiterecoas
```

```
from vertexai generative models import GenerativeModel
content_model = GenerativeModel("gemini-1.5-flash-001")
content_model.generate_content(
        "Explain how AI works"
        generation_config=GenerationConfig
            response_mime_type="application/json"
```

The Use Case: Enhancing User Experience

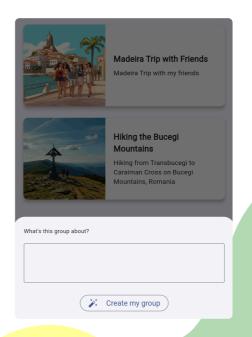


- Natural Language Understanding: Leveraging LLMs to interpret user descriptions and automate group title generation.
- Text Extraction: Using LLMs to scan and accurately itemize receipts.
- Image Generation: Automatically generating group-related visuals based on descriptions.
- Output Formatting: Structuring the extracted data into a usable format for the app.

Focus Areas:

Simplified forms (I)

Create Expense Group Fill in the details to create a new expense group. Title Enter group title Description Enter group description Category Photo Upload Photo Create Expense Group



Simplified forms (I) - group details