

Getting Started on Prompt Engineering with Generative AI

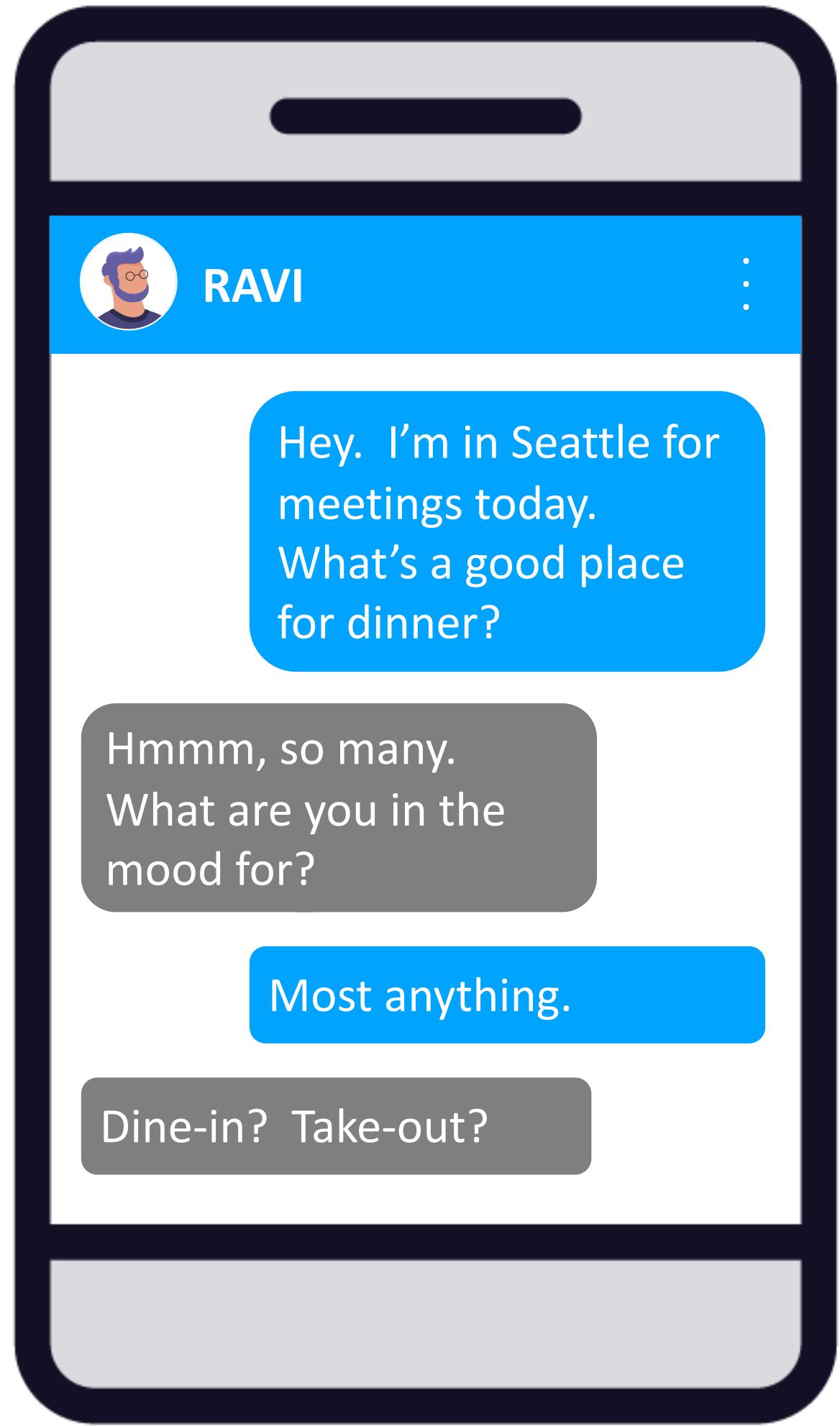
Introduction to Prompt Engineering

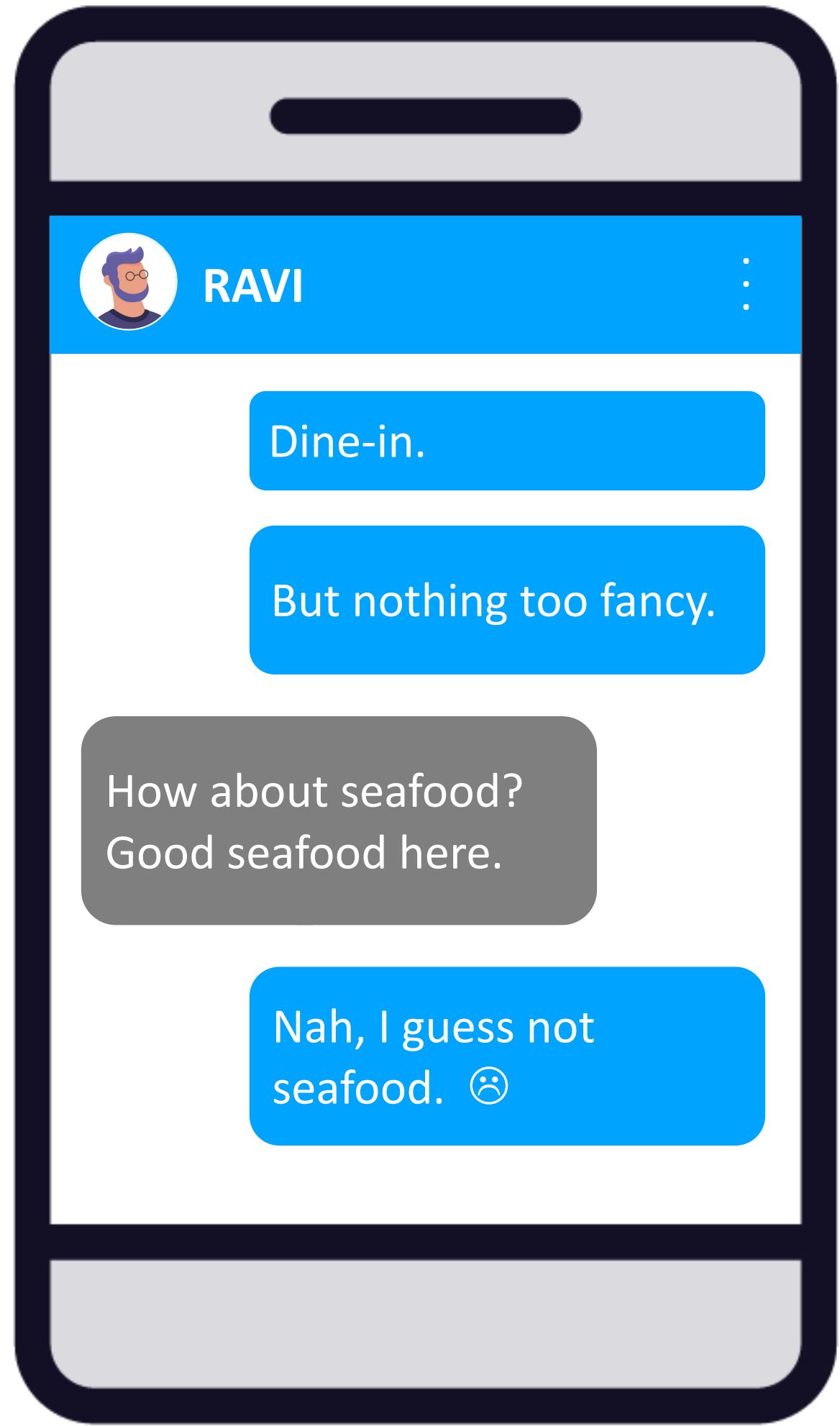


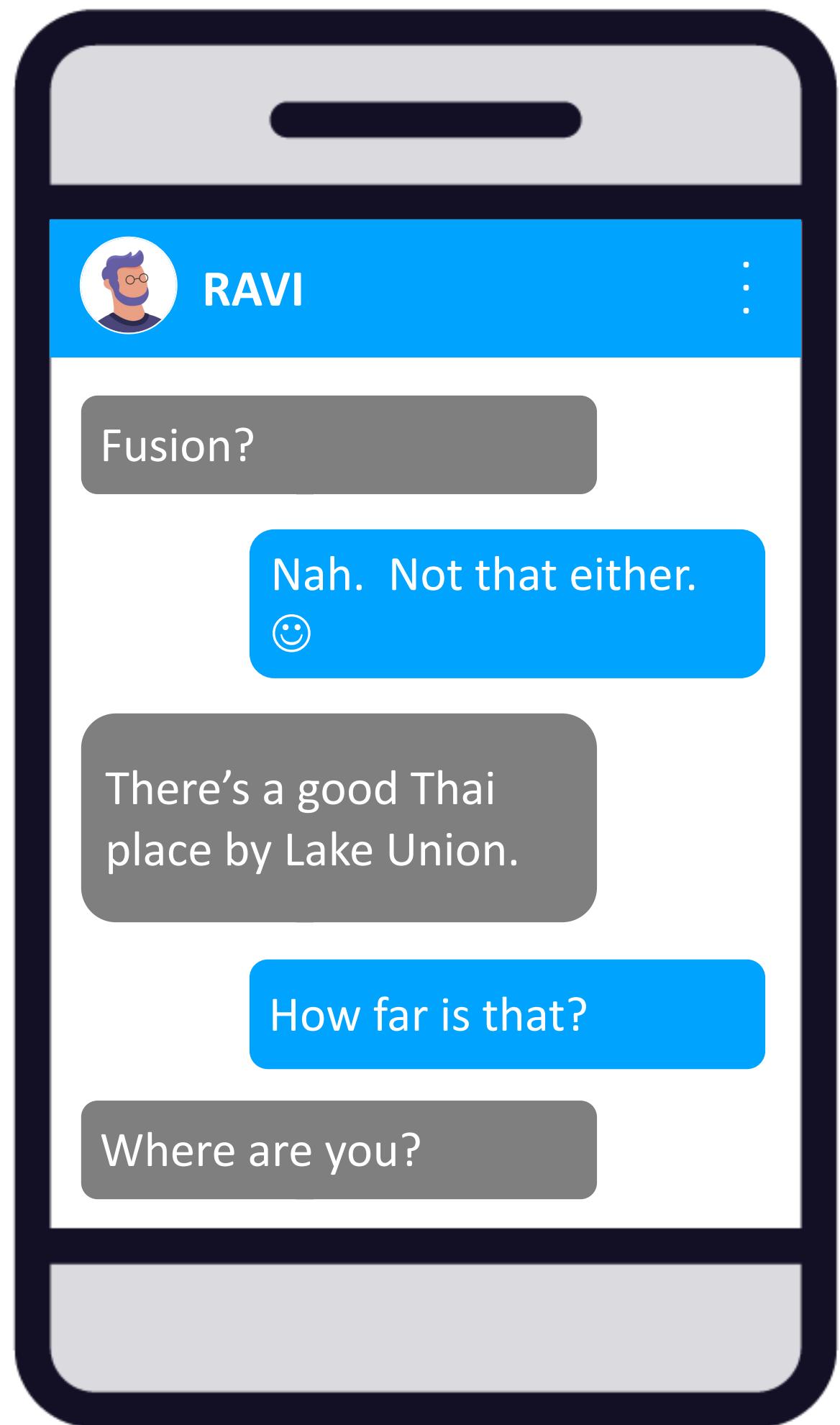
Amber Israelsen

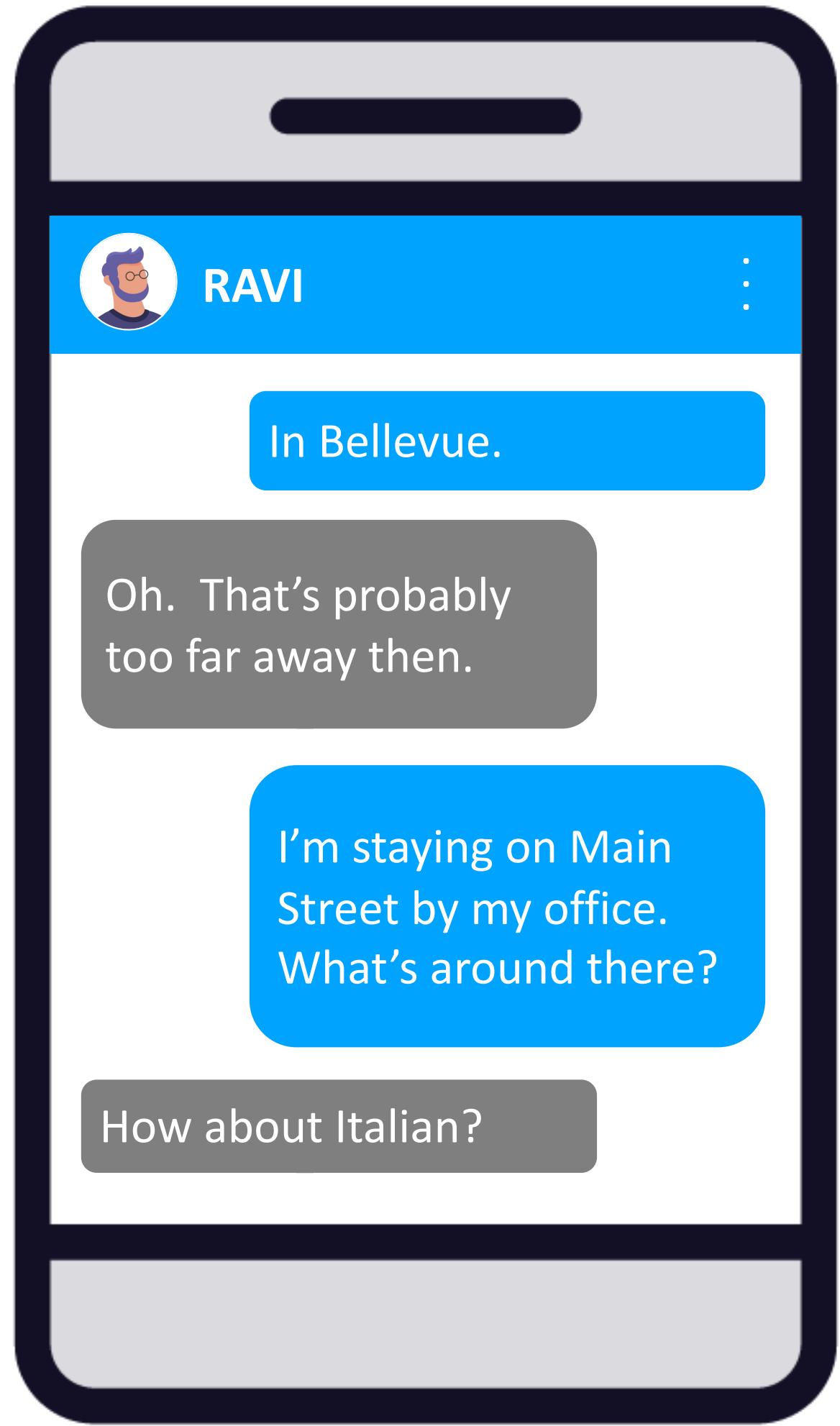
Trainer | Developer

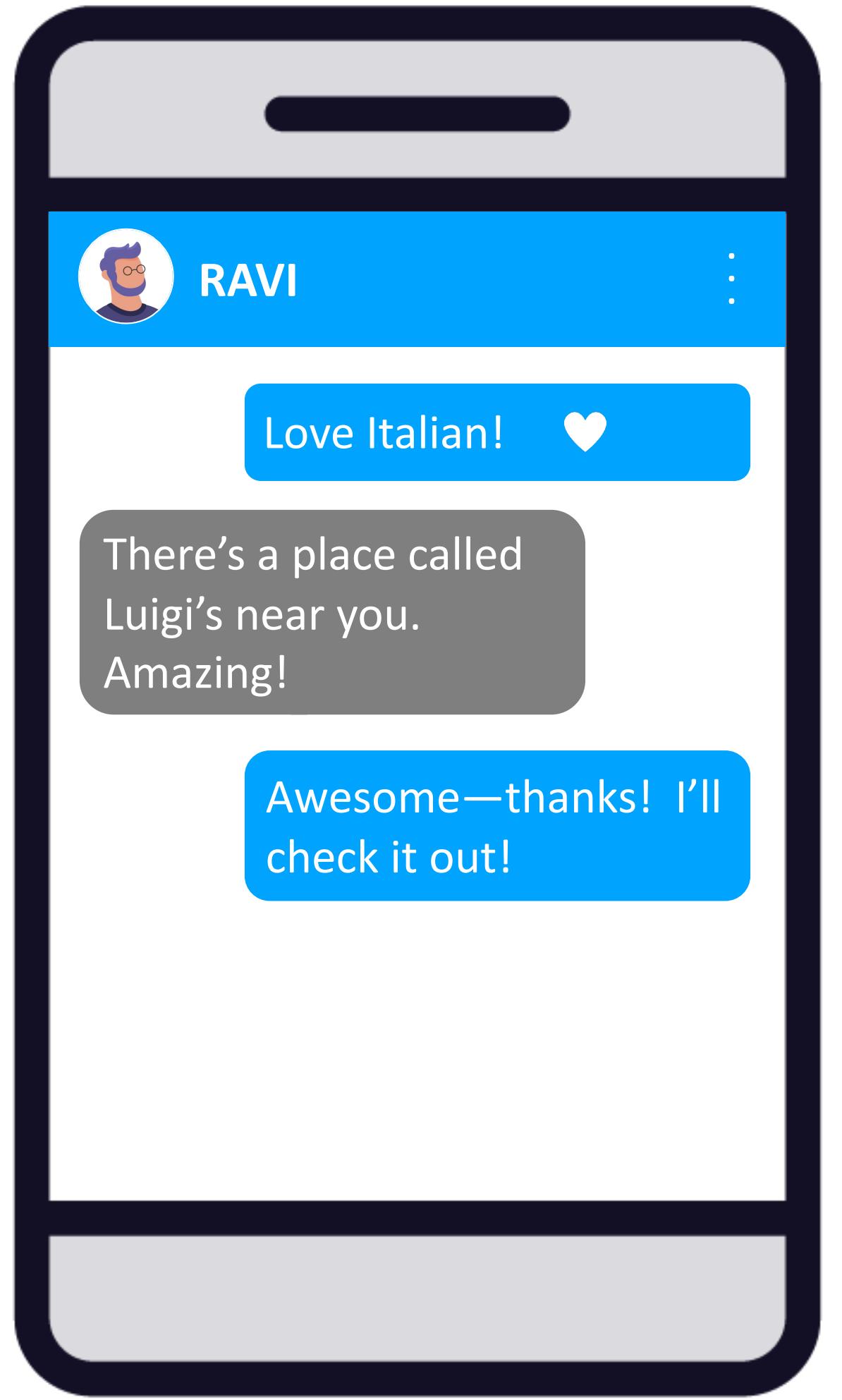
www.amberisraelsen.com









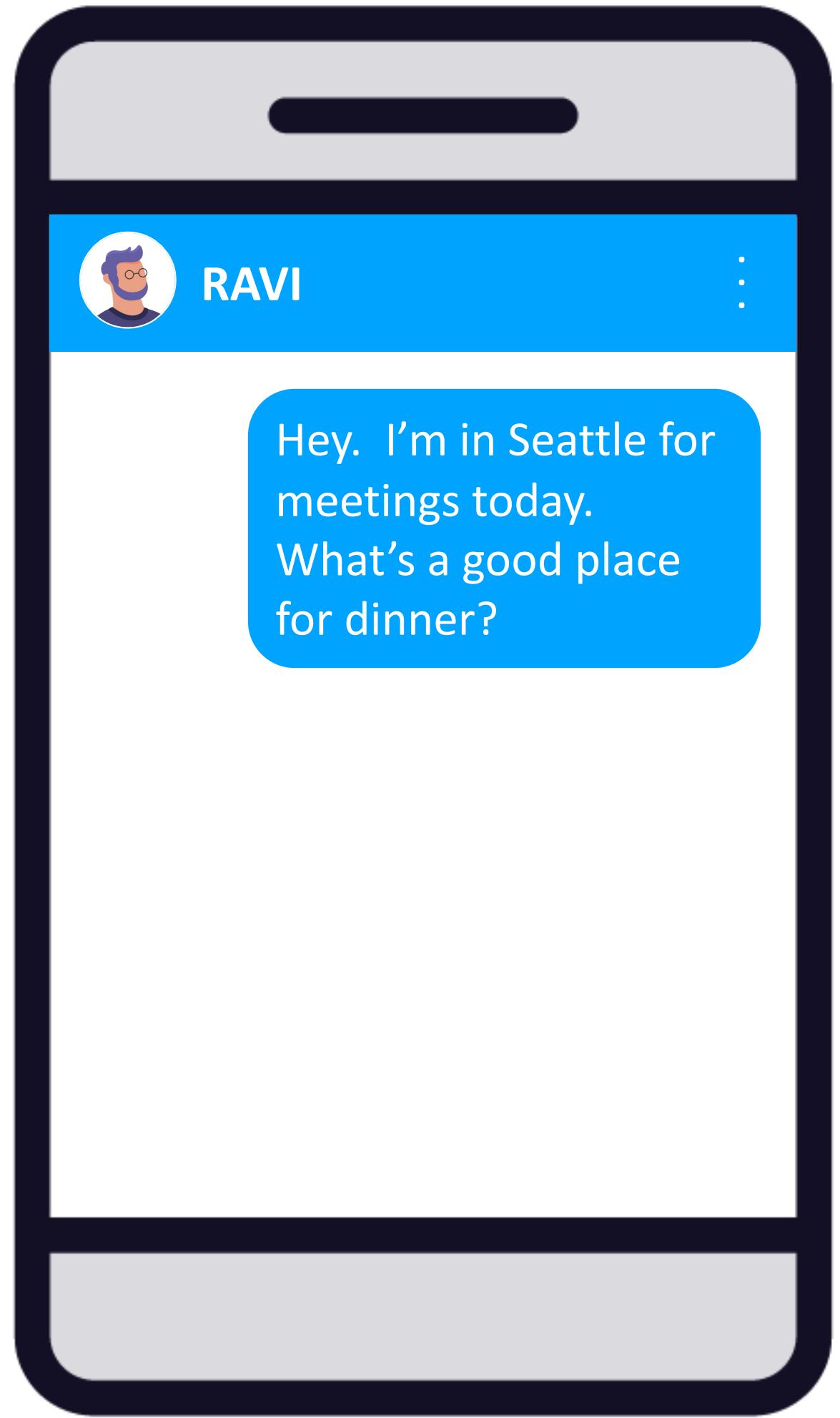


Prompt

The input you give to generate a desired output

In other words: The thing you ask to get an answer



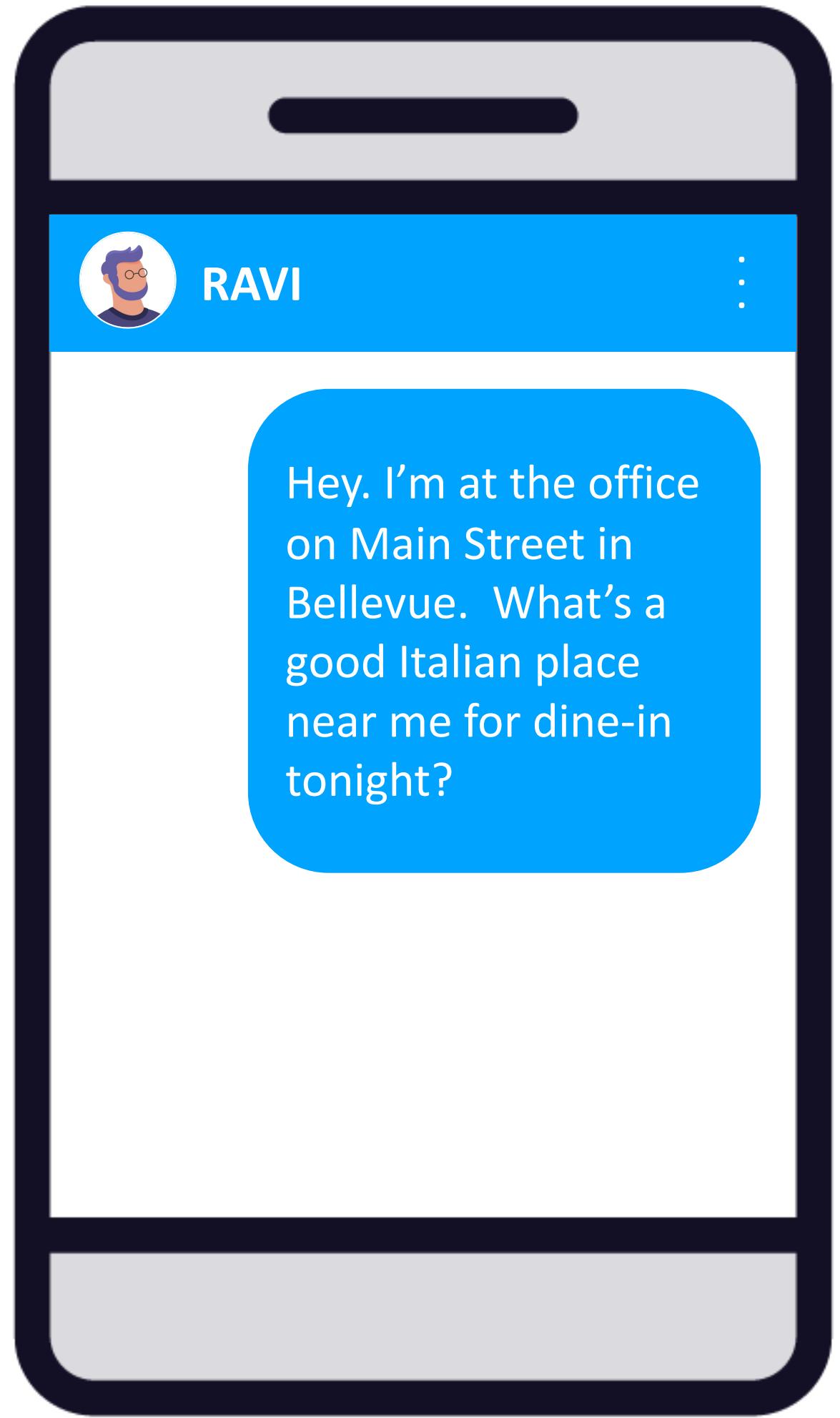


Prompt Engineering

The art and science of designing effective queries or instructions to get desired responses

In other words: Ask better questions to get better answers







Use prompt engineering to get
more precise, creative, and
domain-specific answers...



...AND...



...eliminate some common
challenges



Common Challenges in Prompt Engineering



Model bias



Unpredictability



Lack of real-world knowledge



Language and cultural nuances





What You Will Learn in This Course



Course Overview

**Introduction to Prompt
Engineering**

**Creating Effective
Prompts**

**Evaluating Prompt
Performance**

**Using Advanced Prompt
Techniques**

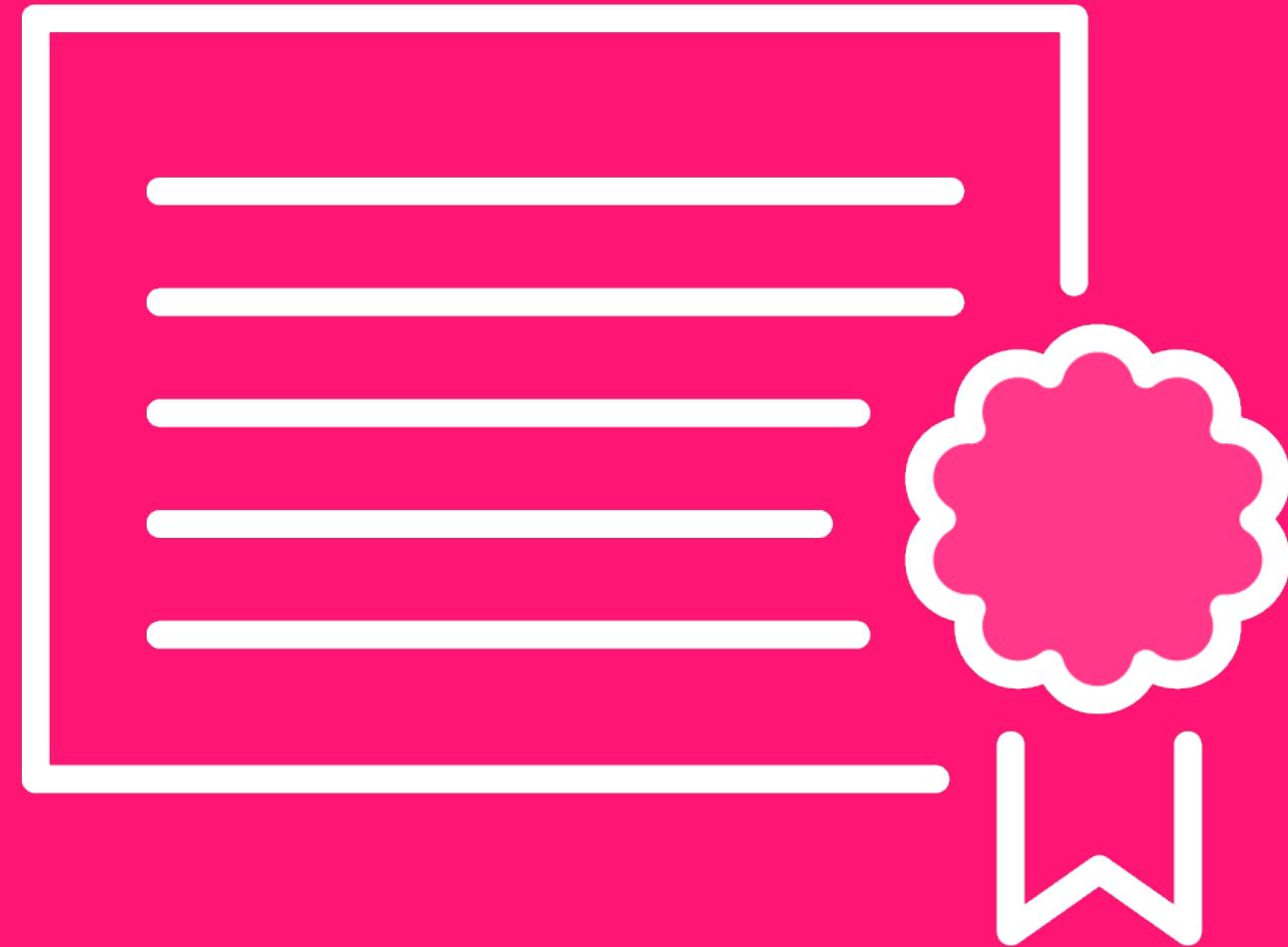
Ethical Considerations

**Best Practices and
Future Directions**



A group of five diverse professionals are gathered around a wooden conference table in a modern office. A man on the left, wearing glasses and a grey sweater, holds a white notebook and pen, looking down at it. Next to him, a woman with curly red hair and a light-colored top is also focused on her work. In the center, a woman with short dark hair and glasses, wearing a brown blazer over a white shirt, looks up and to the right with a thoughtful expression. To her right, a man with a beard and a light brown sweater leans in, smiling. On the far right, a woman with long blonde hair tied back and glasses, wearing a yellow cardigan, looks down at a laptop screen. The background shows a large brick pillar and several circular pendant lights hanging from the ceiling.

Target Audience



Prerequisites

Basic understanding of generative AI concepts

BONUS: Experience using tools such as ChatGPT and DALL-E-2



What You'll Need

The screenshot shows the OpenAI Playground interface. At the top, there's a navigation bar with links for Overview, Documentation, API reference, Examples, and Playground (which is highlighted). To the right are Help, Personal settings (with a dark profile icon), and a dropdown menu. Below the navigation is a toolbar with buttons for Load a preset..., Save, View code, Share, and an ellipsis.

The main area is divided into two sections: SYSTEM and USER. The SYSTEM section contains the message: "You are a helpful assistant." The USER section has a text input field labeled "Enter a user message here." and a button "+ Add message". At the bottom of the USER section are "Submit" and a refresh/circular arrow icon.

On the right side, there are several configuration options:

- Mode:** Chat (Beta)
- Model:** gpt-3.5-turbo
- Temperature:** 1
- Maximum length:** 256
- Top P:** 1
- Frequency penalty:** 0

platform.openai.com/playground



Up Next:

Creating Effective Prompts

