Exercise 2: Image generation for the desired context

### **Estimated time: 10 minutes**

## **What is image generation in generative AI?**

#### Images are vital to visual details because they comprehensively represent concepts, data, and information that users can easily grasp. For effective communication, images are powerful elements that add depth, context, and visual appeal to the information.

#### Generative AI models have advanced significantly in recent years, enabling the creation of new and realistic images using artificial intelligence techniques. Using generative AI-powered models and tools, you can generate and modify high-quality images that are difficult to distinguish from real photographs.

#### This lab focuses on generative AI's image-generation capabilities. In this lab, you will look at how images are generated in Generative AI Classroom using the Gemini Model. You will explore the platform and use it to create images from textual descriptions.

## **Learning Objectives**

#### After completing this lab, you will be able to:

#### Explore the image-generation capabilities of generative AI

#### Prompt generative AI models to generate the desired images

#### Create realistic images from text in the Generative AI Classroom using Google Gemini.

#### Use different scenarios to generate images using the Generative AI Classroom

**Steps:**

## Generate & review images

1. On your computer, go to [gemini.google.com](https://gemini.google.com/).
2. Enter your prompt to generate an image. Check [tips for image generation prompts](https://support.google.com/gemini/answer/14286560?hl=en&co=GENIE.Platform%3DDesktop#tips).
3. Optionally, for more images, click Generate more .
4. To view a larger version of the images in a carousel, click an image.
   * To scroll between images, click Show previous image  or Show next image .
   * To close the carousel, click Close .

### **Examples**

* Generate an image of a futuristic car driving through an old mountain road surrounded by nature
* Create an image of a dog riding a surfboard
* Create images of a jungle with a river in a splashy watercolor style
* Examples:

