



Amazon Titan Image Generator v2	512	English	Yes	Text-to-image generation, image editing, image variation, image conditioning using a reference image, subject consistency using fine tuning (preserve specific subjects in generated images), and automated background removal.
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More information at: [Foundation Model for Generative AI - Amazon Titan - AWS](#) 

### Introduction to Prompt Engineering

Prompt engineering is a critical skill for leveraging Large Language Models (LLMs) effectively. A **prompt** is the input or query that defines the task for the LLM. In Amazon Bedrock, foundational models (FMs) are pre-trained and available for use, sparing you from the high cost of training models yourself. Crafting effective prompts can dramatically improve the quality of LLM responses!

### Examples of LLM Tasks

#### 1. Classification

- **Objective:** Categorize a restaurant review based on tourism type.
- **Approach:** Provide a list of categories for the LLM to choose from and structure the prompt clearly.

#### 2. Question-Answering

- **Objective:** Extract free-form answers from a given context.
- **Approach:** Present the context first, followed by the question.

#### 3. Text Generation

- **Objective:** Generate ideas for a website front page.
- **Approach:** Include specific instructions about tone and style.

### Conclusion

Prompt engineering is an iterative process requiring experimentation and refinement, much like writing code. Amazon Bedrock simplifies generative AI adoption by offering pre-trained models and scalable infrastructure. By combining thoughtful prompt design and the appropriate FM you can unlock powerful capabilities in applications, like the prompt performed in the Travel App.

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