

PartyRock

An Amazon Bedrock Playground for exploring the possibilities of generative AI

PartyRock is an educational tool for building and playing with generative AI applications. With PartyRock, you can learn about the techniques and capabilities needed to make the most of generative AI, including understanding different models' strengths, experimenting with different text-based prompts, and chaining prompts together.

PartyRock is built on the belief that all builders should have access to a fun and intuitive tool to get started building with generative AI and be able to share the apps they create to inspire others.

You don't need to know how to write a single line of code to start creating your own apps with PartyRock. Access to PartyRock is also straightforward through its web-based UI, which is separate from the AWS Management Console and does not require an AWS account.

Concepts

- **Foundation models:** These are large, pre-trained AI models that create the basis for AI applications. In PartyRock, you can choose from different foundation models provided by Amazon and leading AI companies.
- **Prompt:** A prompt is the input text that you provide to the AI model to generate a response.
- **Prompt engineering:** The process of crafting the response to get desired outputs from AI models.
- **Widget:** A widget is a user interface element that you can combine with other widgets to create an app.
- **Remix an app:** The feature that allows you to take an existing application on PartyRock and modify it to create your own version.
- **Application types:** PartyRock supports various application types, such as chatbots, image generators, and text-to-speech converters. Each type leverages different capabilities of the foundation models.
- **Parameter tuning:** The ability to adjust model's parameters, such as temperature (creativity) and top p (an alternative to temperature to control output randomness).

Use Cases

Build an app to generate jokes on the topic of your choice.

Create the perfect playlist based on your musical tastes.

Recommend what to serve based on ingredients in your pantry.

Create and play a virtual trivia game online with friends from around the world.