Hugging Face Agents

It is a feature of hugging face that provides you the required toolset for creating and managing agents (chatbots). By using the huge available LLMs in hugging face, you can build and deploy your agent to help you incorporate an artificial intelligence chatbot in your system.

There are two types of agents:

1.   Code Agent: Used for solving programming problems and it generates Python code of the solution

2.   ReAct Agents: Solves the problems in general in an iterative way making it able to solve more complex problems

Hugging Face Pipeline for Text Generation

It is an interface from the transformers library from hugging face. It makes the job of using and deploying LLMs much easier. By loading the pre-trained models in Hugging face ecosystem, the user would be able to generate text, generate embeddings and text tokens, and manage the whole system of text generation.

Hugging Face Inference Endpoints

Endpoints is another of many features provided by hugging face, it basically lets the user deploy artificial intelligence models in the cloud. The user can choose different cloud providers like AWS, Azure, etc. By deploying your model in this service, you will guarantee:

1.   Low production costs.

2.   Scalability.

3.   Security.

Using image generation

Upon looking and investigating the image generation models, I noticed how diverse and accurate and precise they are. Other thing to notice is how easy to use those models. Deploying the models in python is a piece of cake. I can also custom train them and use them as required.