

## Gen AI Basic Apps

### Assignment 1 – Gen AI Python app using Amazon Bedrock

#### Task:

- 1) Setup the keys in AWS Bedrock for Sonnet, Llama or similar LLM model
- 2) Implement python code using AWS boto3 library and IAM access to send a system and user prompt and obtain response from the LLM
- 3) Print the prompt and response in the console

#### Submit:

Colab/Kaggle notebook or VS Code python code with screenshot of output

For example, with the prompt:

“Best place to visit in France is”

It should produce a full response text.

#### Submit:

A text document in basic\_genai\_apps subfolder in your shared submission folder. Name it as genai\_basic\_apps.txt and put the link to colab/Kaggle notebook in it.

### Assignment 2 – AI chatbot using streamlit/gradio and Amazon Bedrock LLM, deployed on Huggingfacw

#### Task:

- 1) Use streamlit or gradio to build an AI chatbot that uses Amazon Bedrock LLM
- 2) Deploy it on HuggingFace

#### Submit:

A text document in basic\_genai\_apps subfolder in your shared submission folder.

Mention the HF URL in genai\_basic\_apps.txt

**Send email to [vijay95051@gmail.com](mailto:vijay95051@gmail.com) and cc Sakshi to notify them about completion**