PROJECT FLOW

To accomplish this, we have to complete all the activities and tasks listed below

- ❖ **Data Collection.**
  - ➢ Collect the dataset or Create the dataset

- ❖ **Data Preprocessing.**
  - ➢ Import the Libraries.
  - ➢ Importing the dataset.
  - ➢ Analyze the data
  - ➢ Taking care of Missing Data
  - ➢ Feature Scaling
  - ➢ Data Visualization
  - ➢ Splitting Data into Train and Test.
  - ➢ Creating a dataset with a sliding window.

- ❖ **Model Building**
  - ➢ Import the model building Libraries
  - ➢ Initializing the model
  - ➢ Adding LSTM Layers
  - ➢ Adding Output Layer
  - ➢ Configure the Learning Process
  - ➢ Training the model
  - ➢ Model Evaluation
  - ➢ Save the Model
  - ➢ Test the Model

- ❖ **Application Building**
  - ➢ Create an HTML file
  - ➢ Build Python Code