

# Project Flow

**The Project flow is as follows:**

1. Understanding the data.
  - a. Importing the required libraries
  - b. Loading the data
  - c. Analyzing the data
  - d. Reshaping the data.
  - e. Applying One Hot Encoding
2. Model Building
  - a. Creating the model and adding the input, hidden and output layers to it
  - b. Compiling the model
  - c. Training the model
  - d. Predicting the result
  - e. Testing the model by taking image inputs
  - f. Saving the model
3. Application Building
  - a. Create an HTML file
  - b. Build Python Code
4. Train the model on IBM
  - a. Register on IBM cloud
  - b. Test the model.