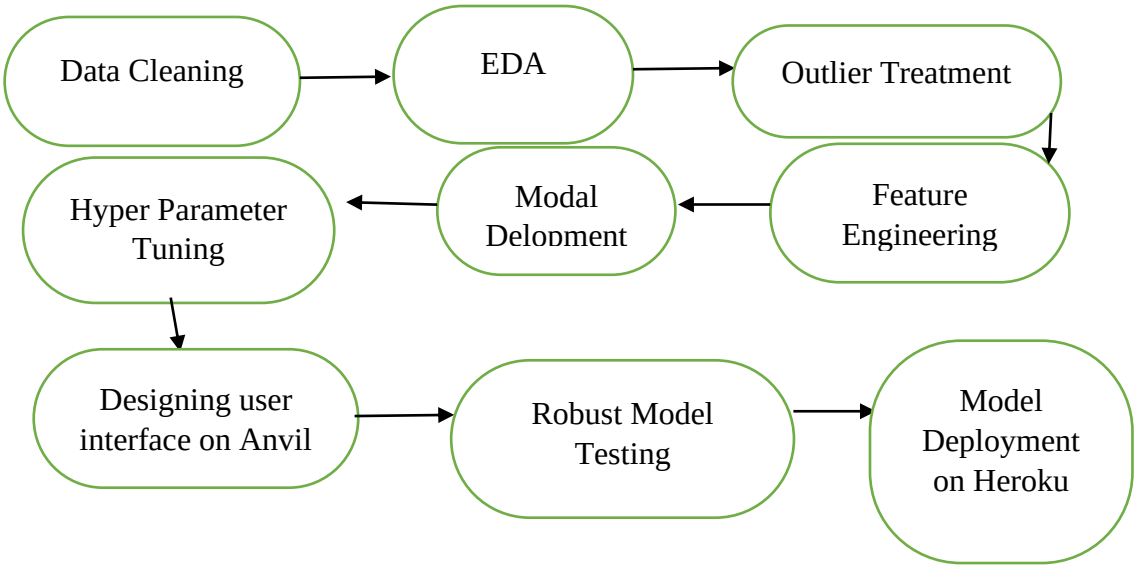
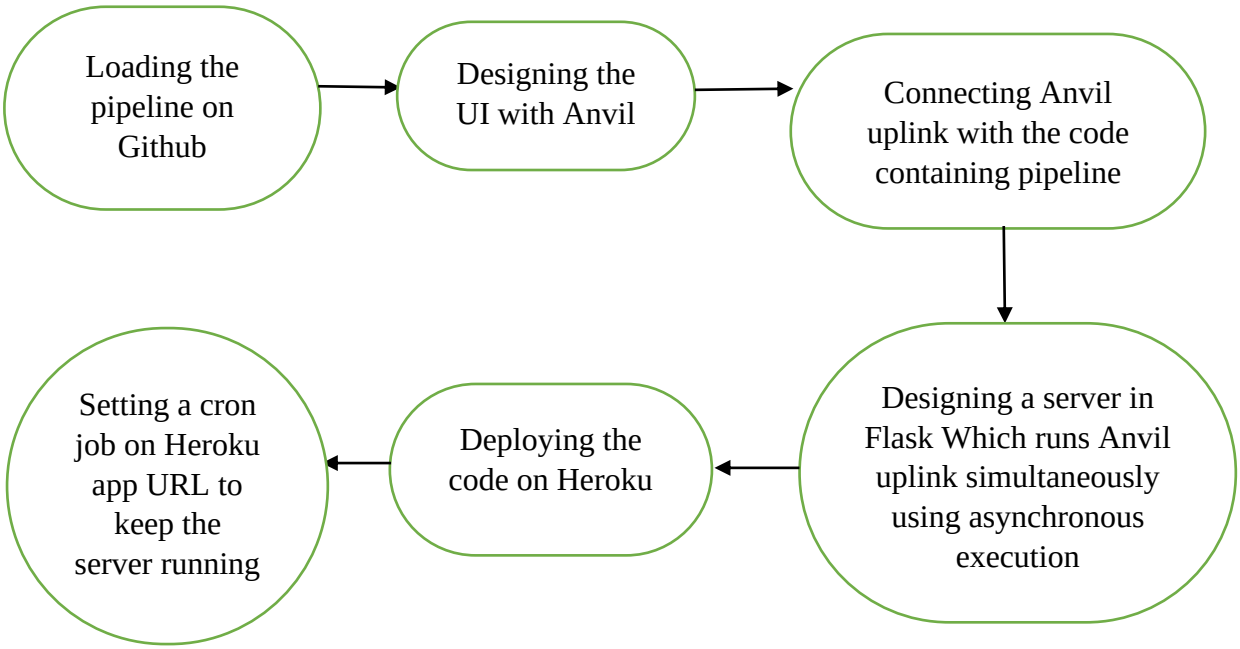
MICE PROTEIN

Project Architecture

Architecture :



Deployment Process :



Architecture Description :

Data Description :

The dataset named Mice Protein is available in kaggle and INeuron given project . This data contains information of two different types (Control mice and Trisomic mice) of Mice. This will tell us Body Development of mice

Data Preparation :

This step includes all the necessary steps that take place in the life cycle of a data science project namely, Data cleaning, Exploratory Data Analysis (EDA), and outlier treatment. In this step, our data gets prepared to be feeded to our ML model.

Model Development :

This step contains all other necessary steps such as Feature Engineering, Feature Selection, Model Selection and Hyperparameter tuning to make the best possible model that can be made for accurate and correct prediction

Deployment Process :

In this step, we first develop the UI using Anvil and connect with our code in which our model is running with the help of an uplink and create a server using Flask which runs the uplink code (server code) using parallel excecution or asynchronous execution and we will then upload the hole code in Heroku cloud using git and github. We will then set a cron job on that server to keep the server and server code running forever