Multi-purpose Machine Learning Tool

ML Tool

A web application tool for

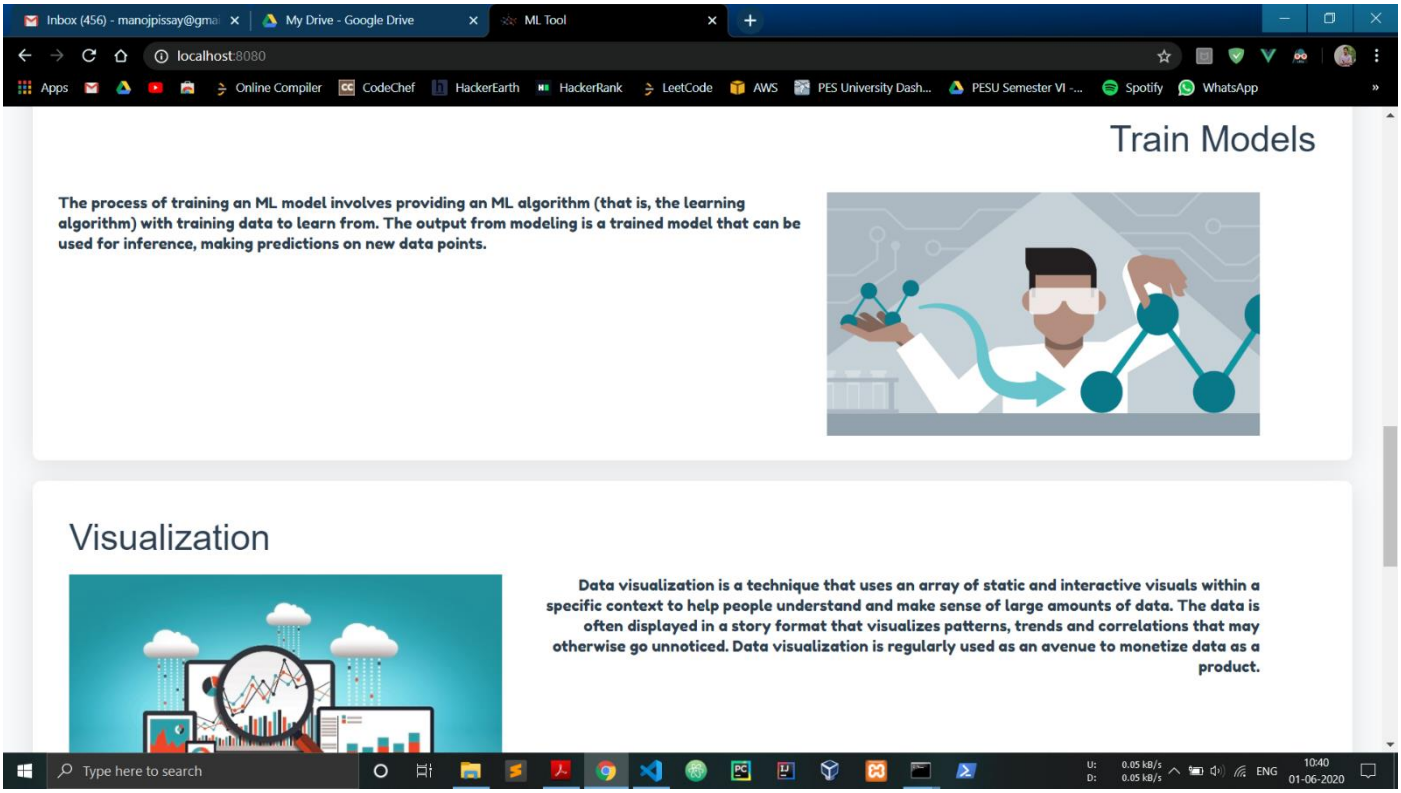
- Data Pre-Processing
- Data Visualization
- ML Model Training

Frameworks used:

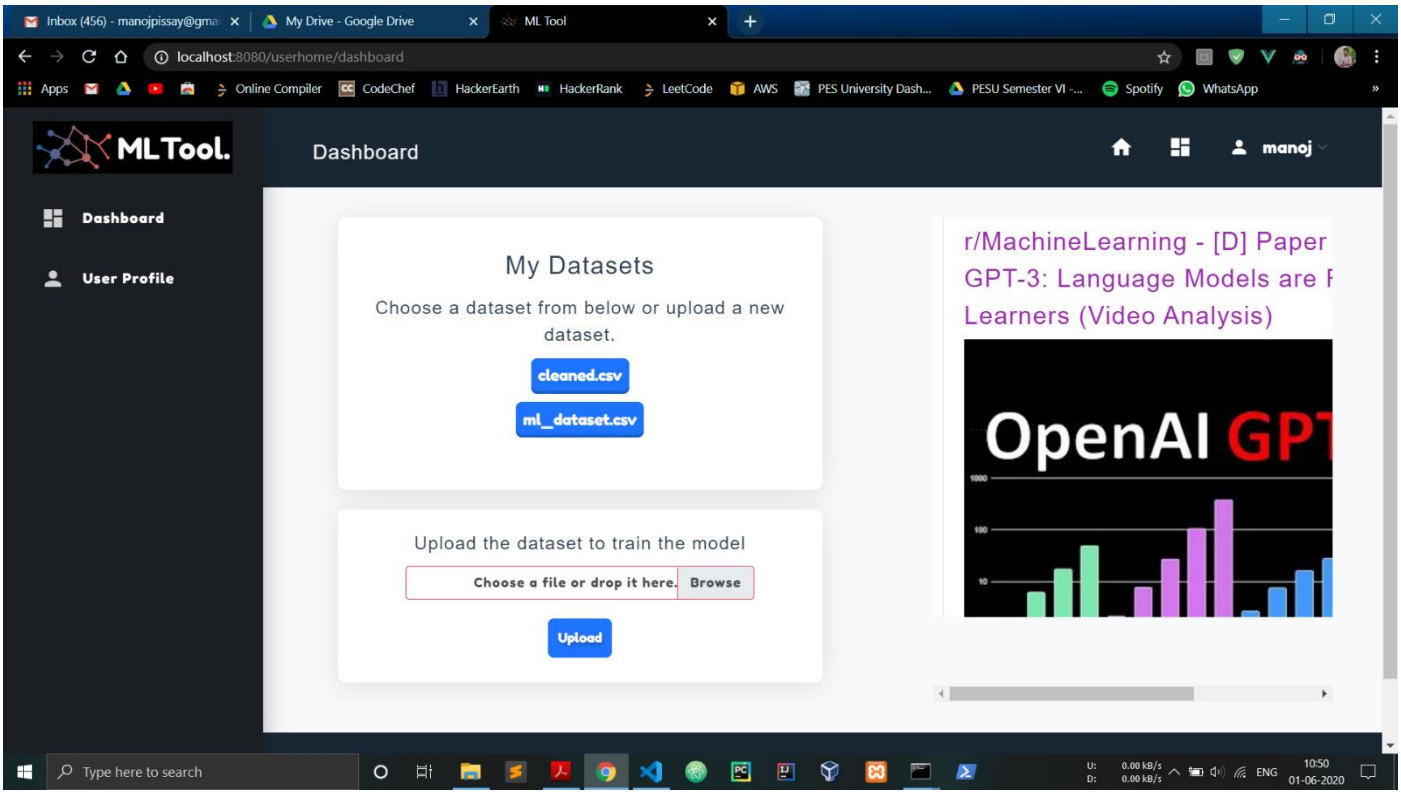
- Front-end Framework: Vue JS
- Back-end Framework: Flask

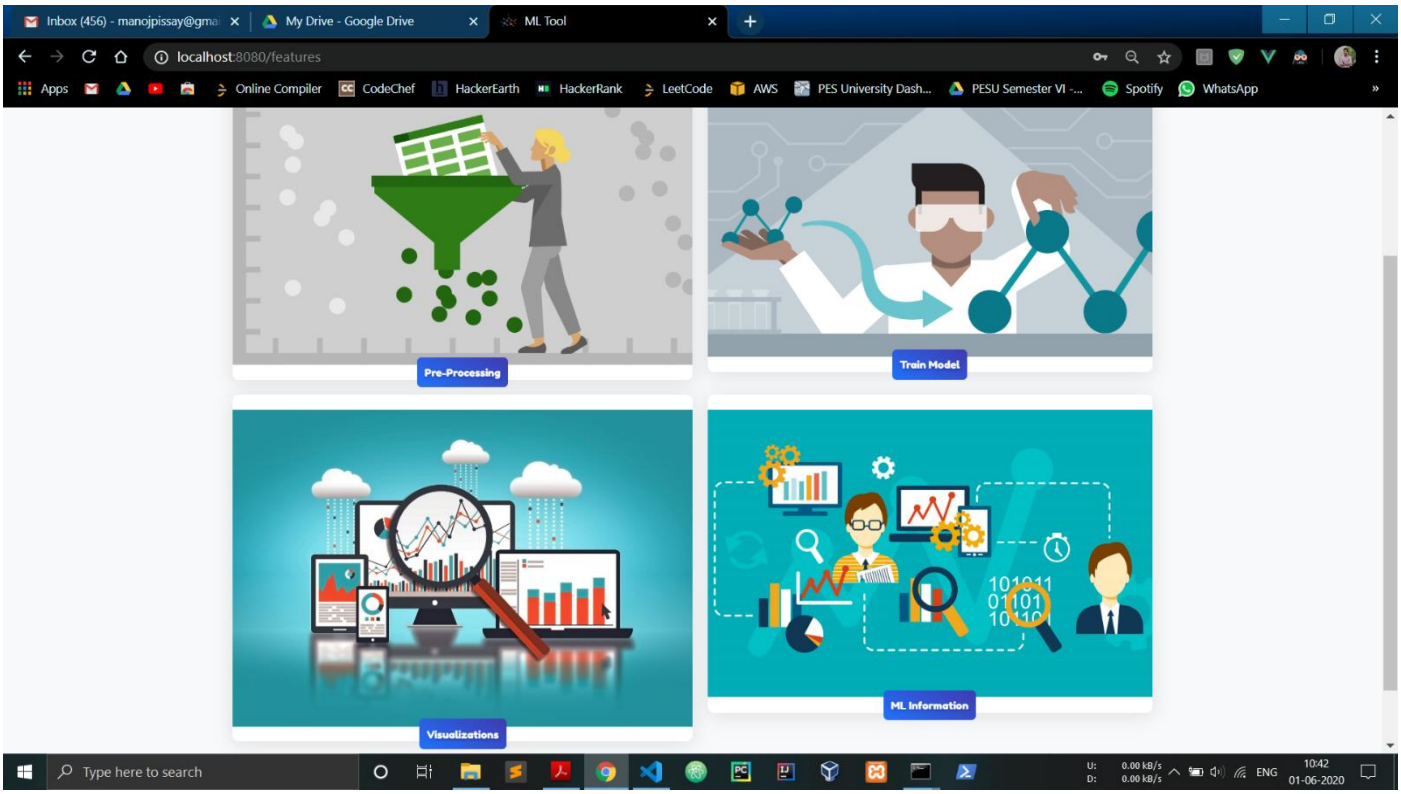
Home Page:


Inbox (456) - manojpissay@gmai
My Drive - Google Drive
ML Tool
localhost:8080
Apps
Online Compiler
CodeChef
HackerEarth
HackerRank
LeetCode
AWS
PES University Dash...
PESU Semester VI -...
Spotify
WhatsApp
ML Tool.
Login
Sign Up
One stop destination for all your Machine Learning tasks.
Type here to search
ENG
10:39
01-06-2020

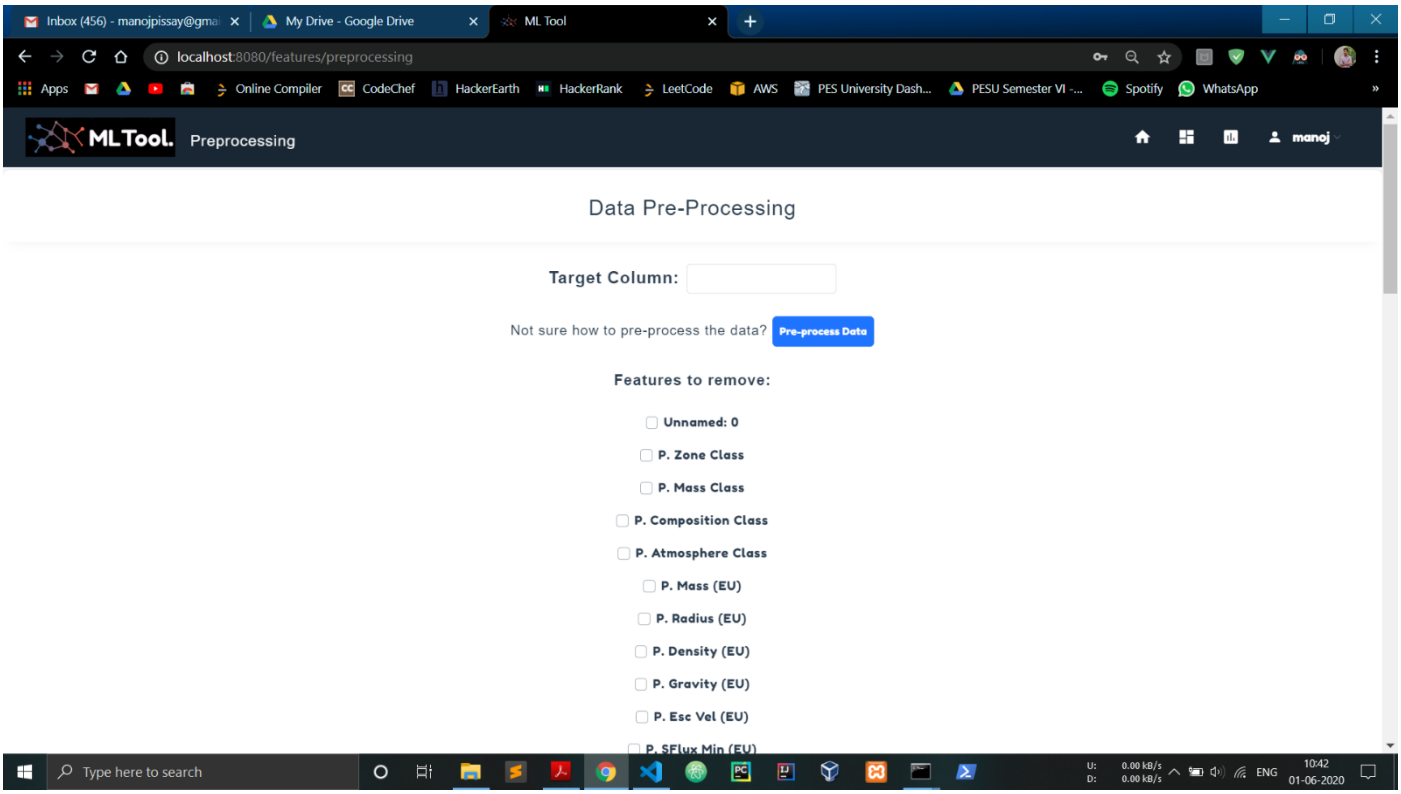

Inbox (456) - manojpissay@gmai
My Drive - Google Drive
ML Tool
localhost:8080
Apps
Online Compiler
CodeChef
HackerEarth
HackerRank
LeetCode
AWS
PES University Dash...
PESU Semester VI -...
Spotify
WhatsApp
Train Models
The process of training an ML model involves providing an ML algorithm (that is, the learning algorithm) with training data to learn from. The output from modeling is a trained model that can be used for inference, making predictions on new data points.
Visualization
Data visualization is a technique that uses an array of static and interactive visuals within a specific context to help people understand and make sense of large amounts of data. The data is often displayed in a story format that visualizes patterns, trends and correlations that may otherwise go unnoticed. Data visualization is regularly used as an avenue to monetize data as a product.
Type here to search
ENG
10:40
01-06-2020

Dashboard:

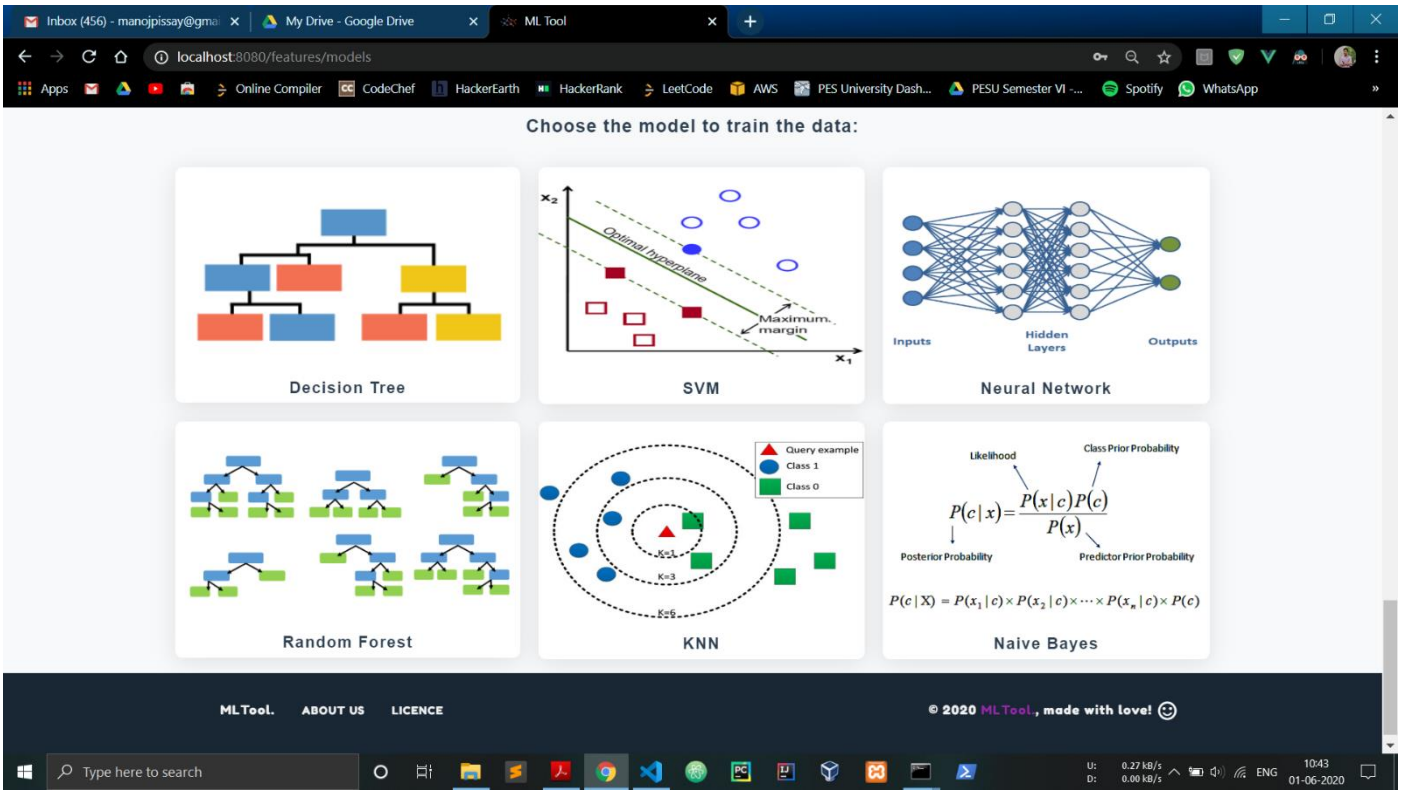

ML Tool
localhost:8080/userhome/dashboard
MLTool.
Dashboard
manoj
Dashboard
User Profile
My Datasets
Choose a dataset from below or upload a new dataset.
cleaned.csv
ml_dataset.csv
Upload the dataset to train the model
Choose a file or drop it here.
Browse
Upload
r/MachineLearning - [D] Paper
GPT-3: Language Models are
Learners (Video Analysis)
OpenAI GP


ML Tool
localhost:8080/features
Pre-Processing
Train Model
Visualizations
ML Information

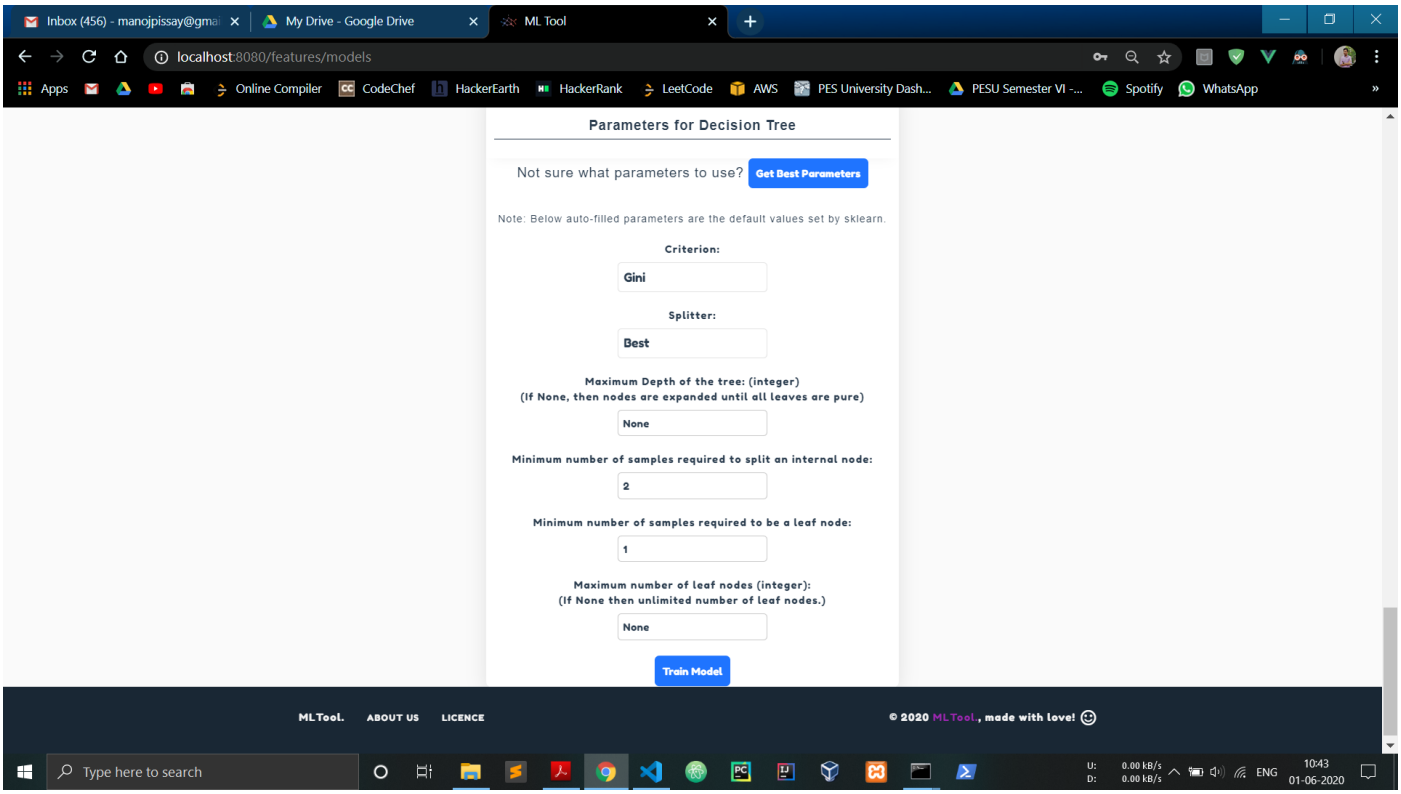
Pre-Processing:



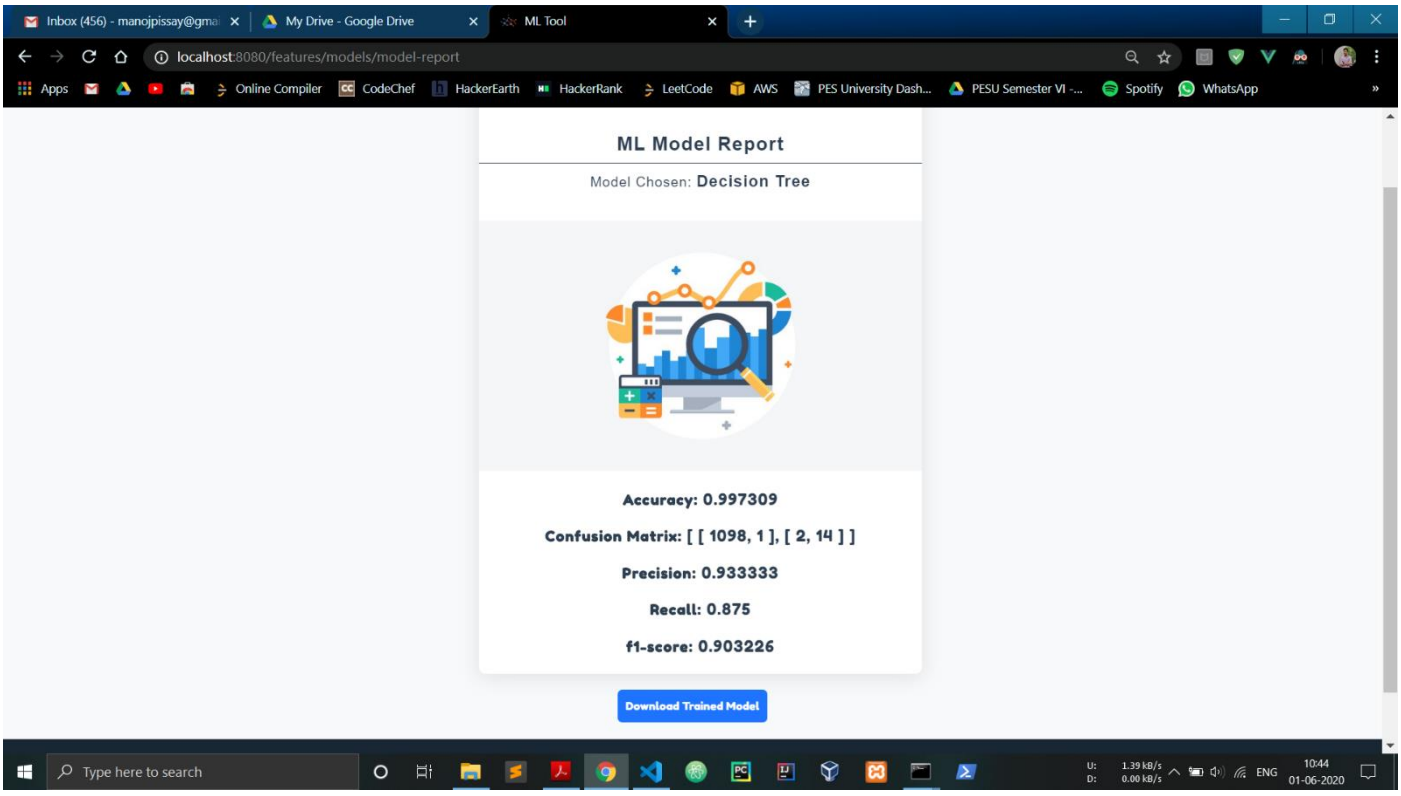
ML Model Training:



Parameters for a ML Model (Decision Tree)

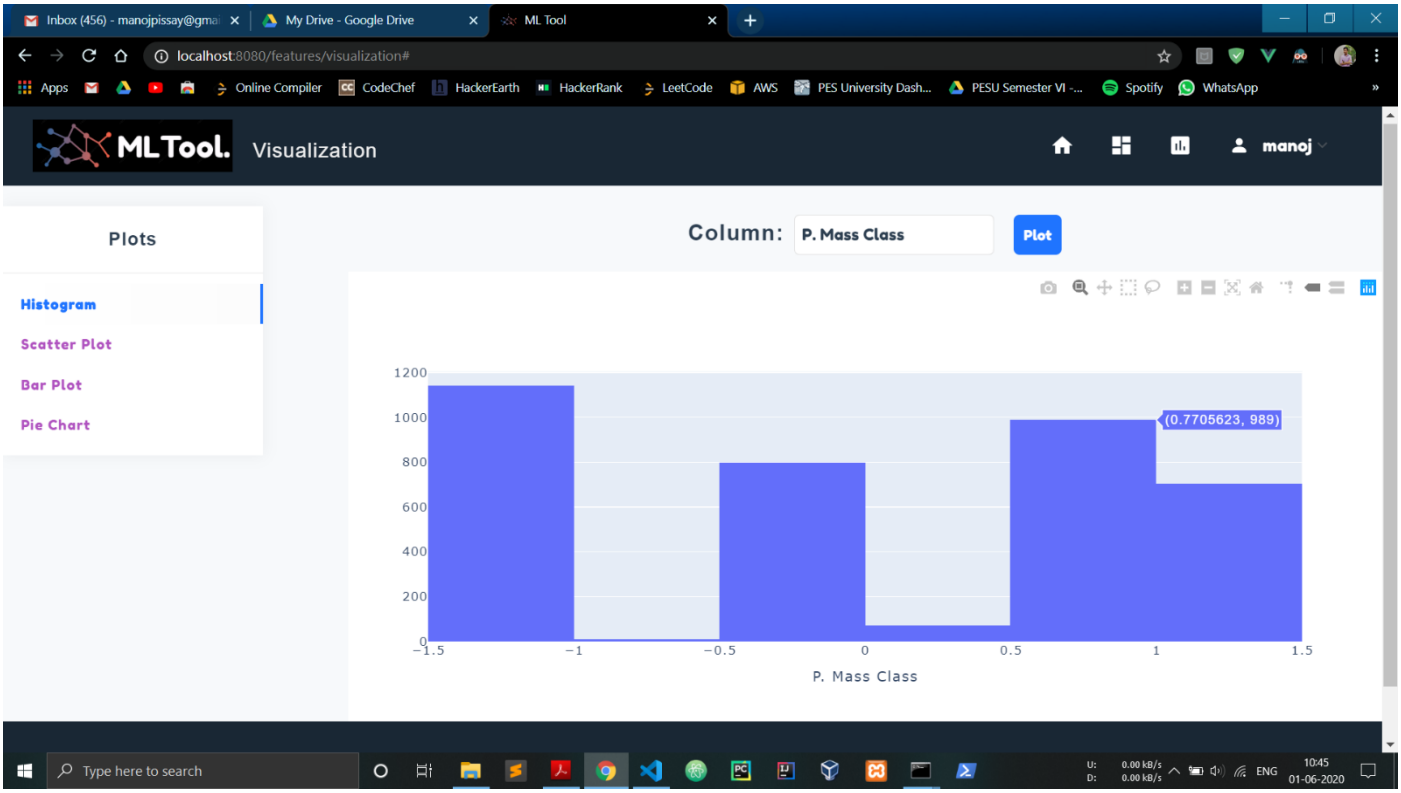


ML Model Report:



Visualization:

Histogram:



Scatter Plot: