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

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Sachetan Sabhahit

Avinash MS

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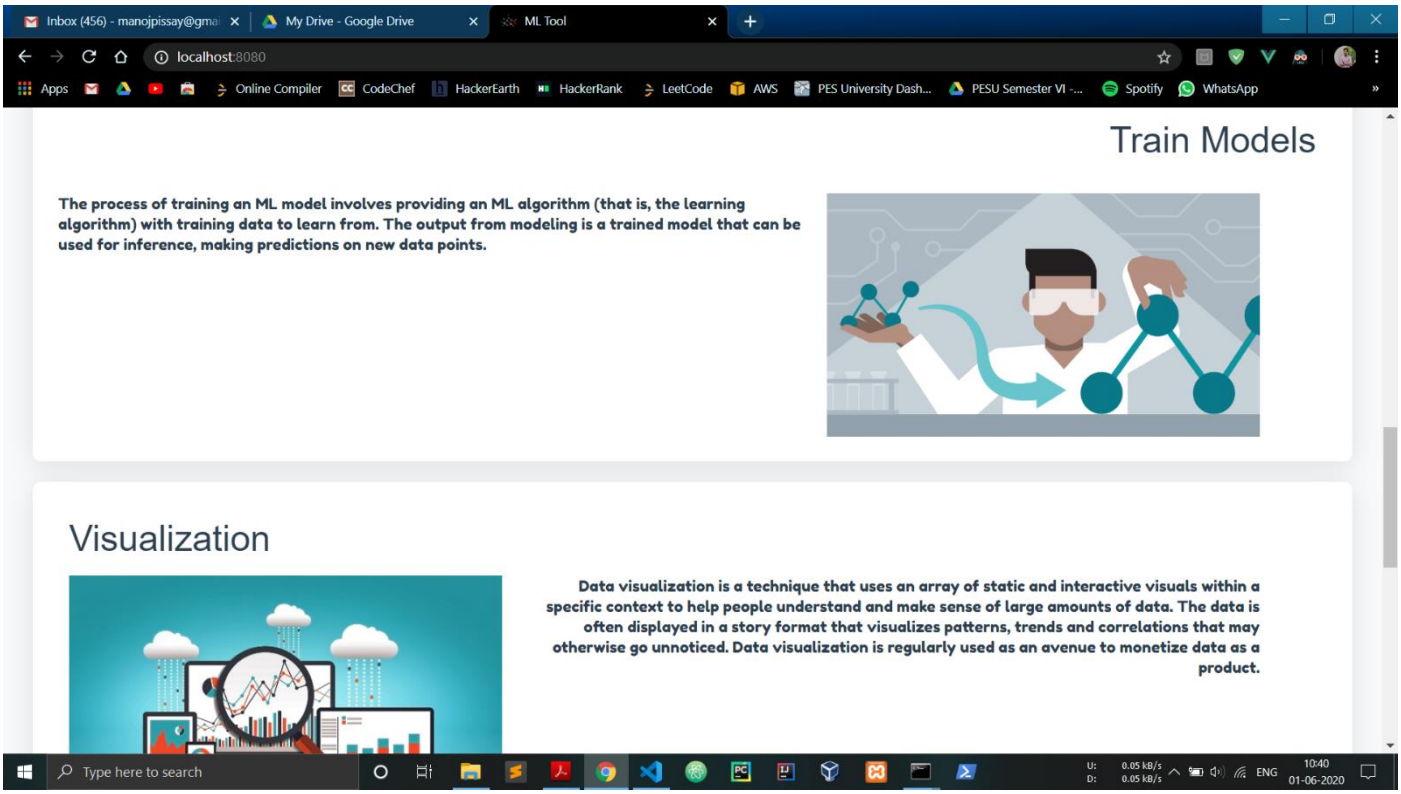
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Train Models
The process of training an ML model involves providing an ML algorithm (that is, the learning algorithm) with training data to learn from. The output from modeling is a trained model that can be used for inference, making predictions on 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.
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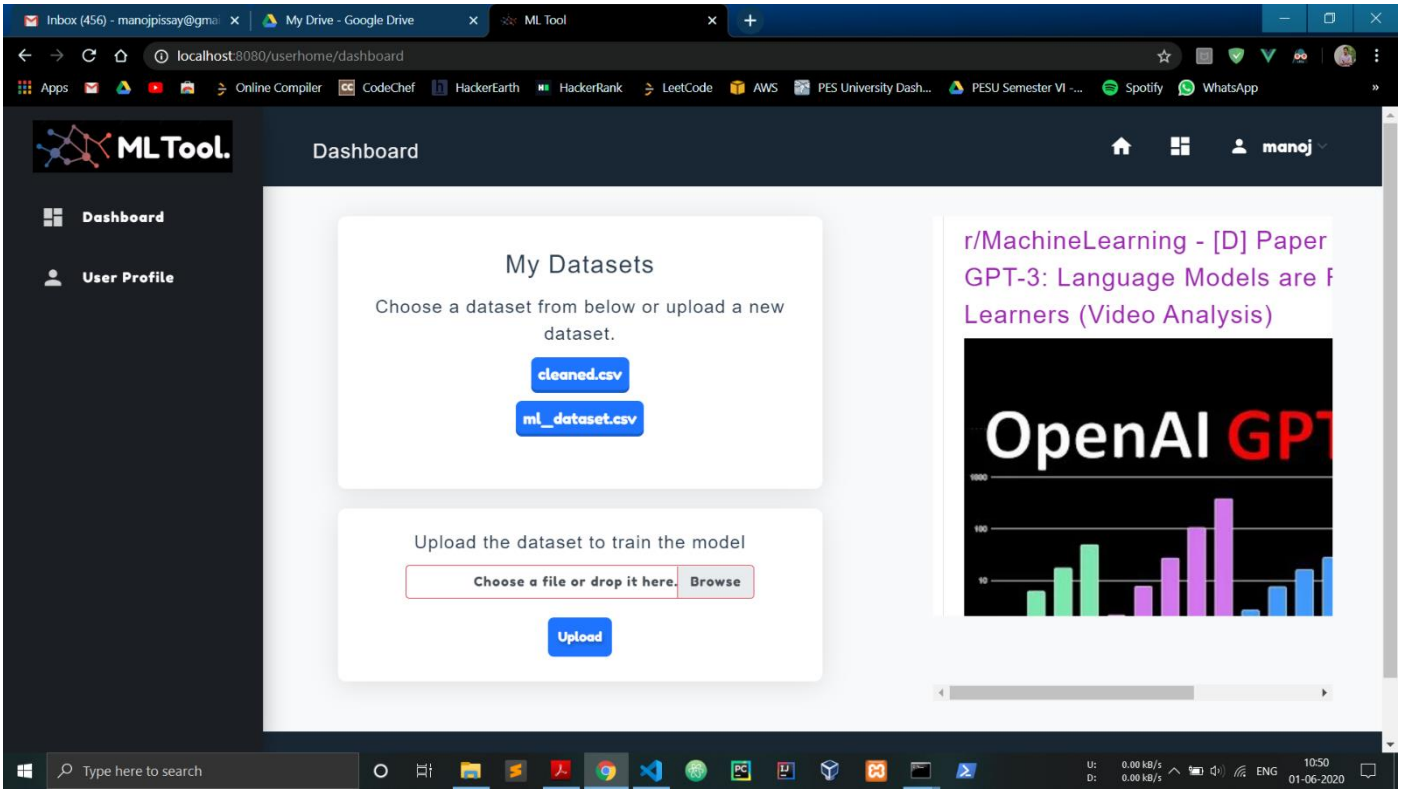
Dashboard: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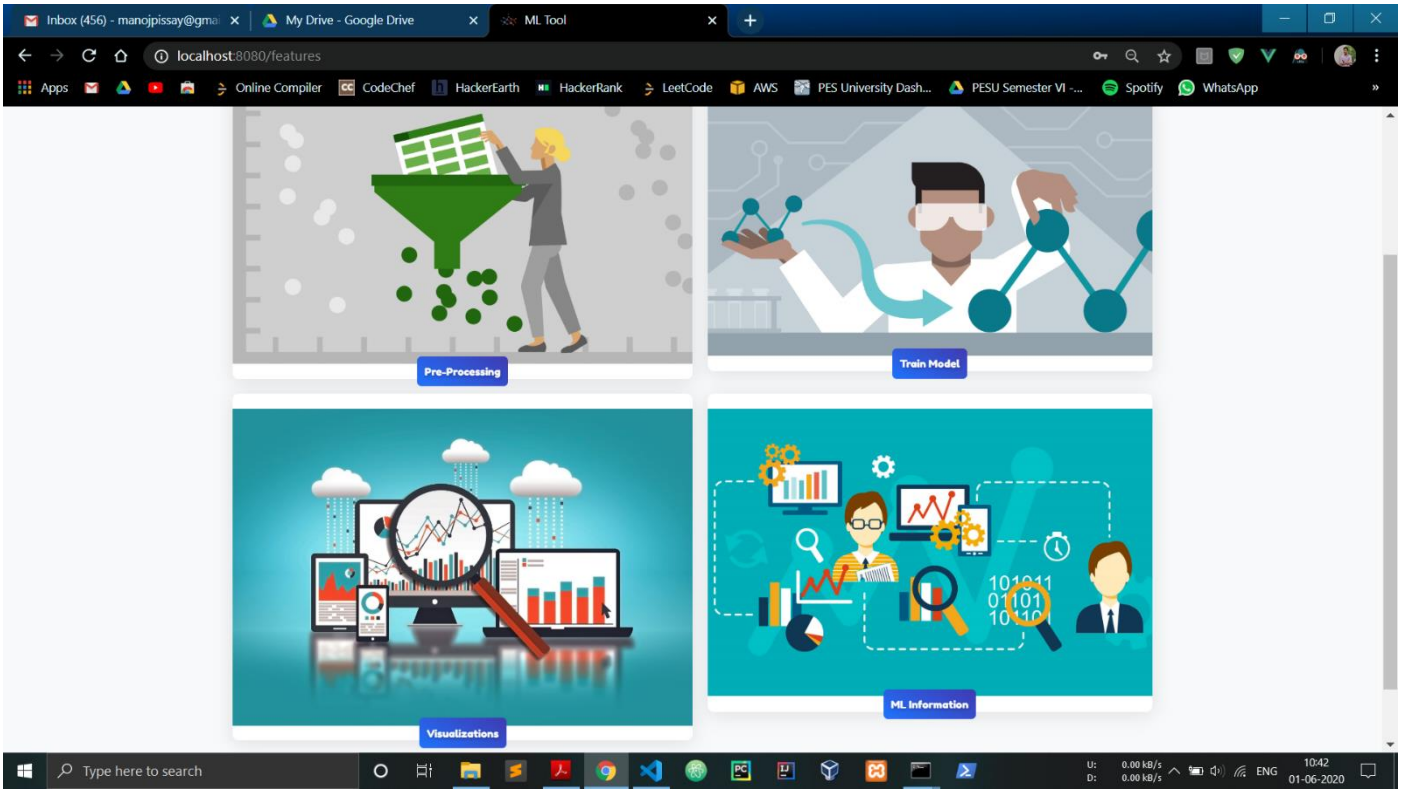
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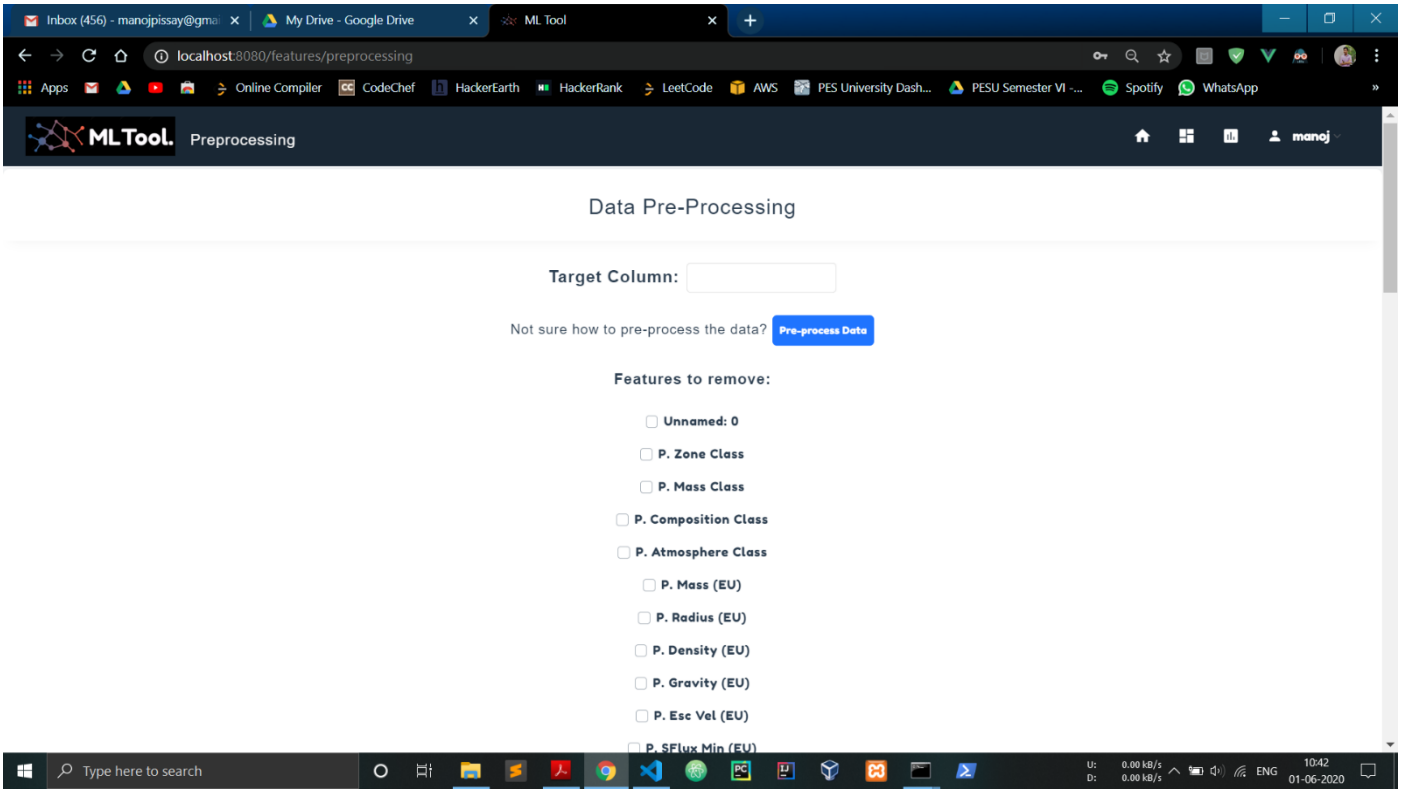
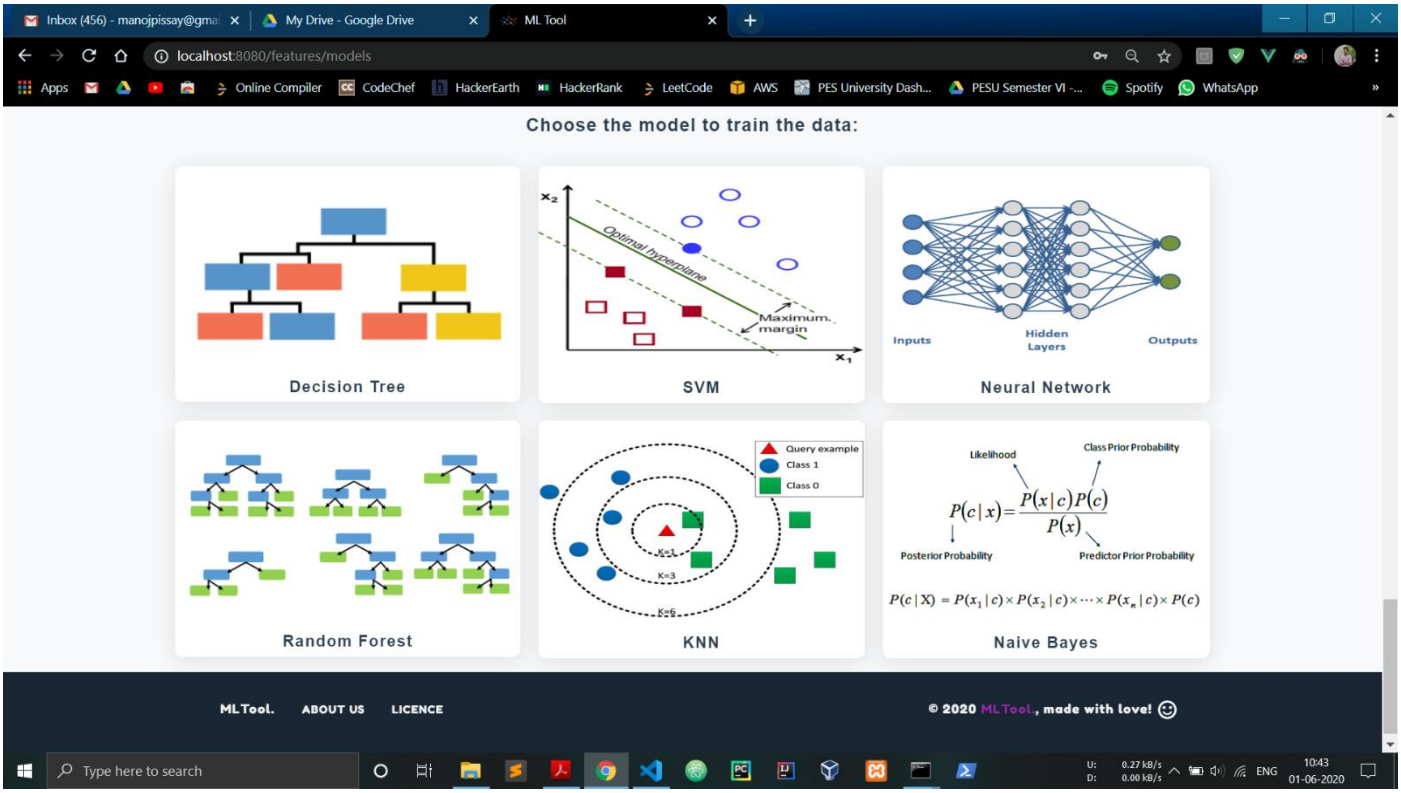
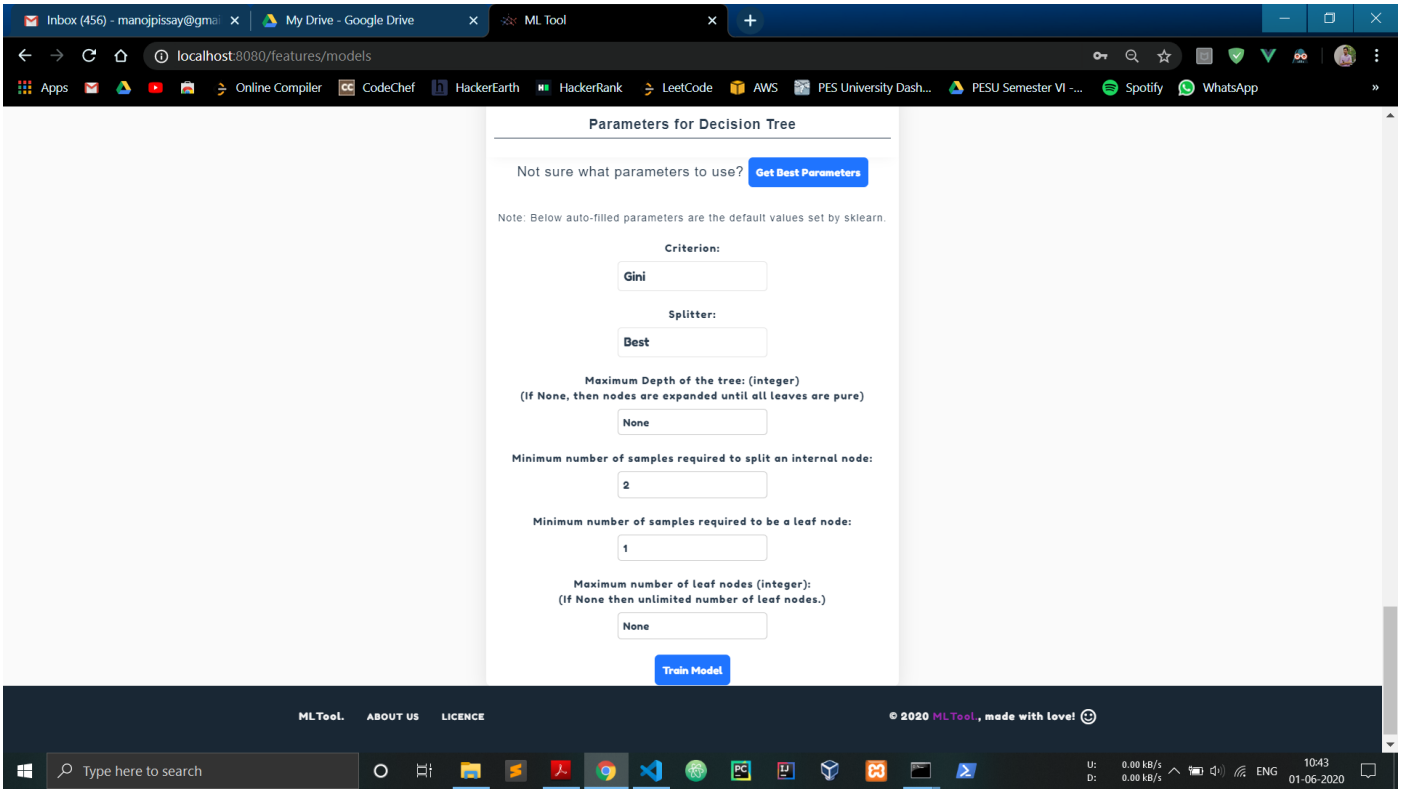
Pre-Processing:



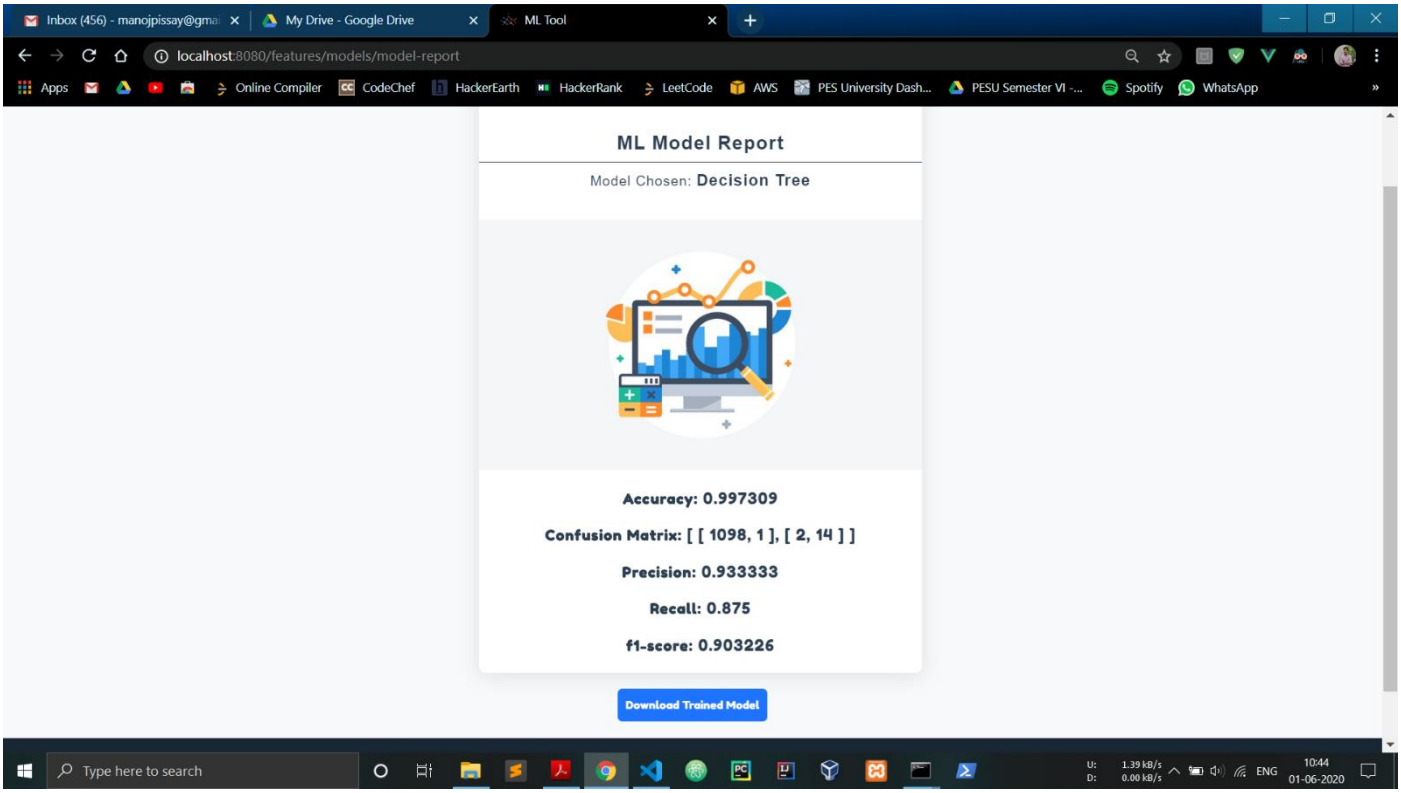
ML Model Training:



Parameters for a ML Model (Decision Tree)

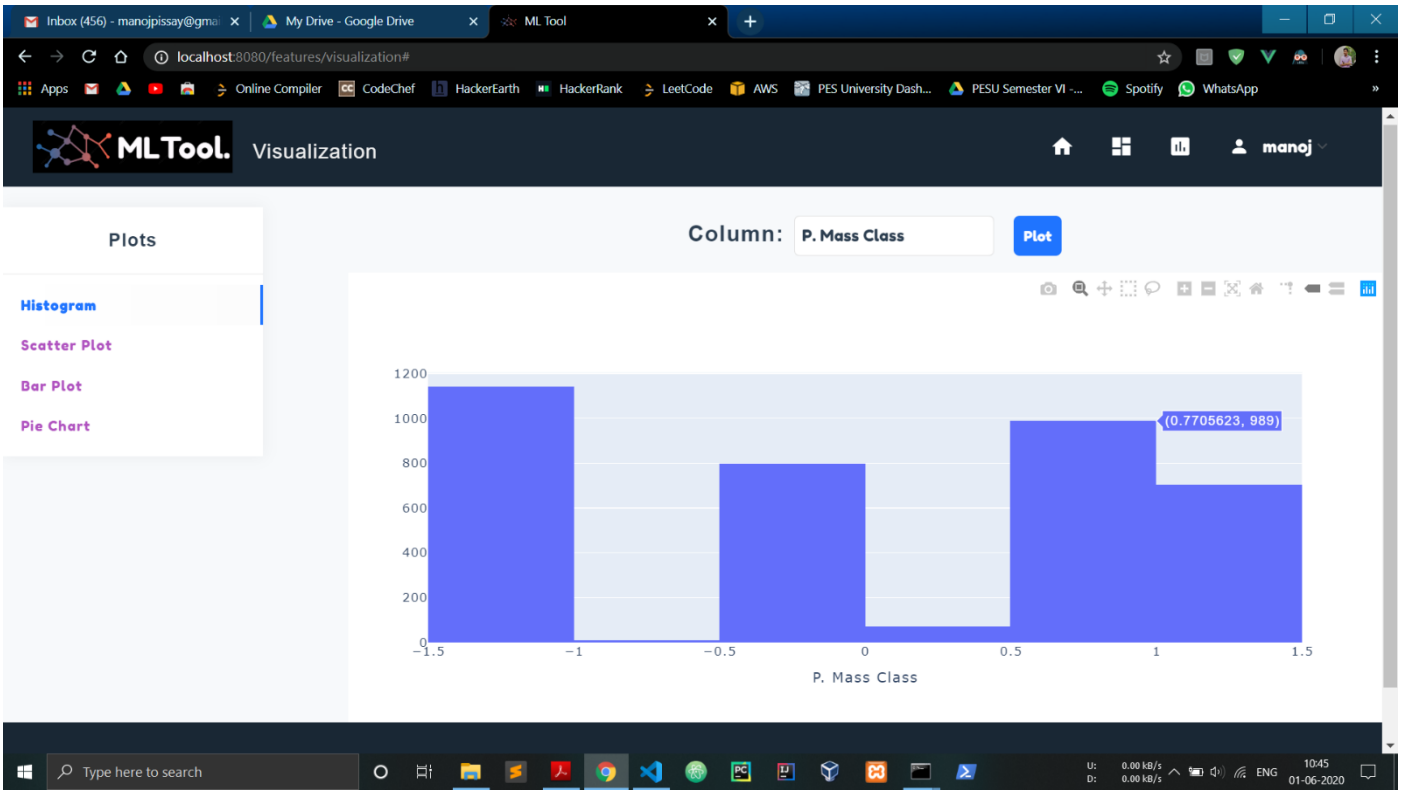


ML Model Report:



Visualization:

Histogram:



Scatter Plot: