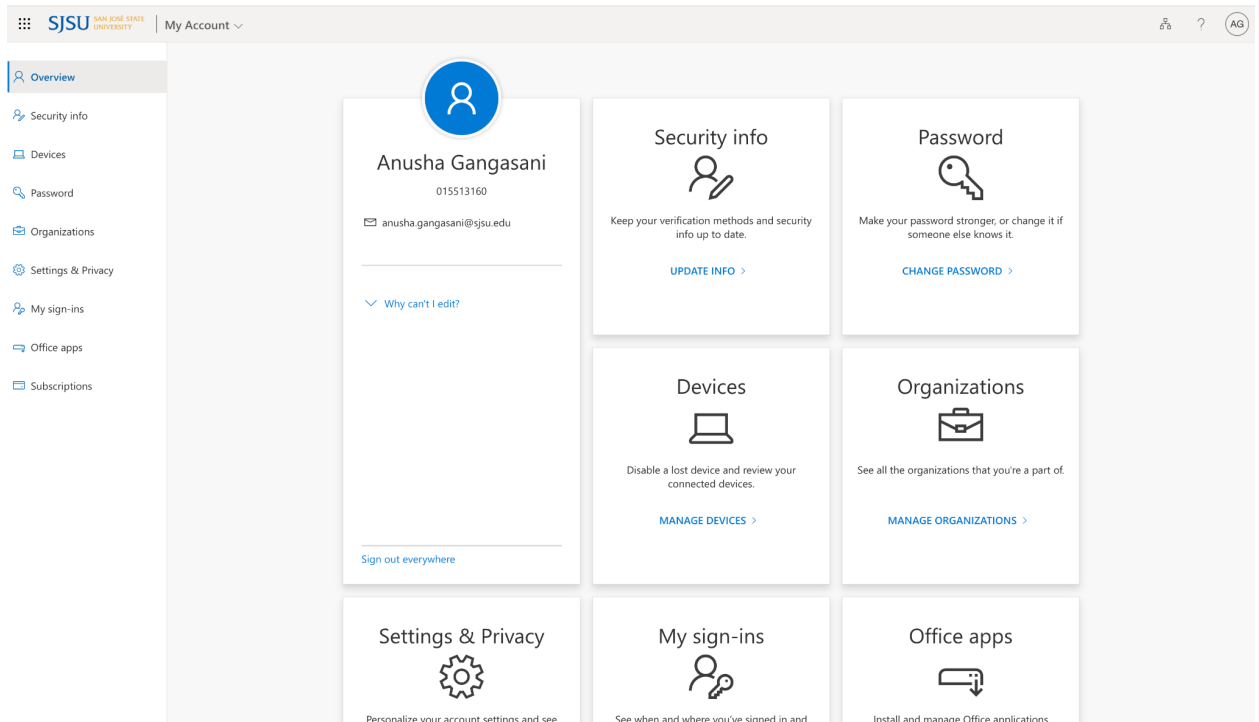
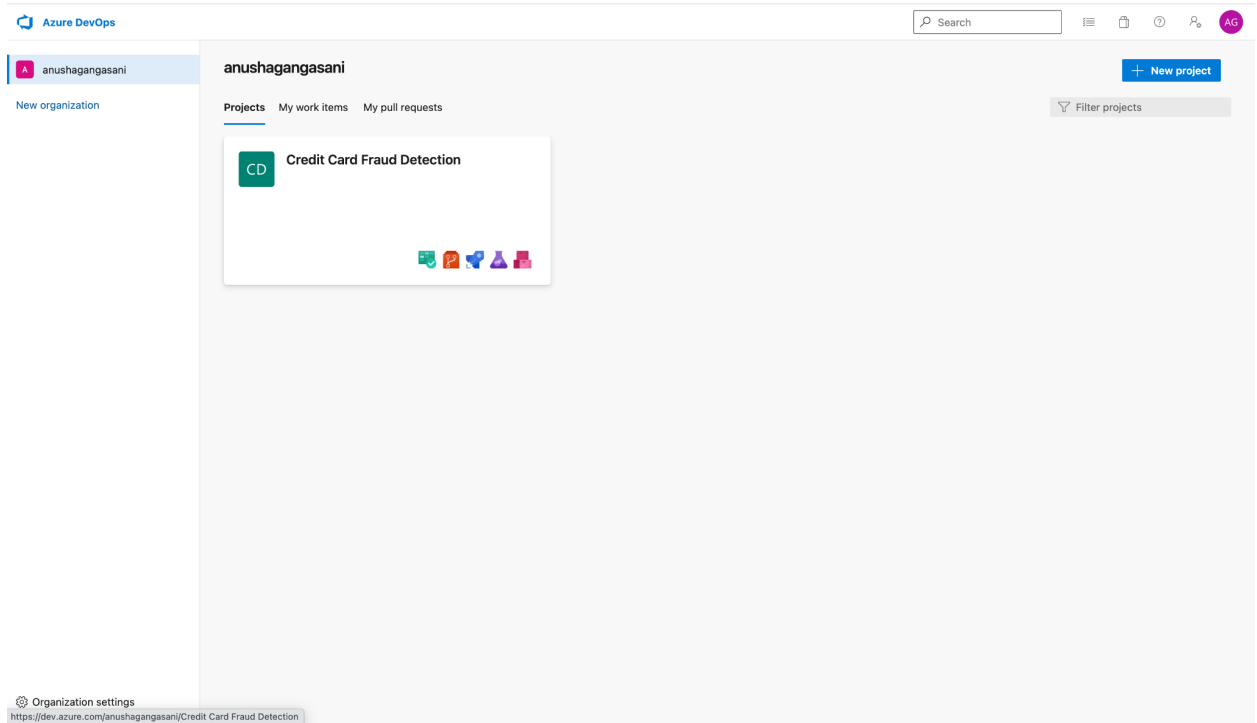


Credit Card Detection MLOps

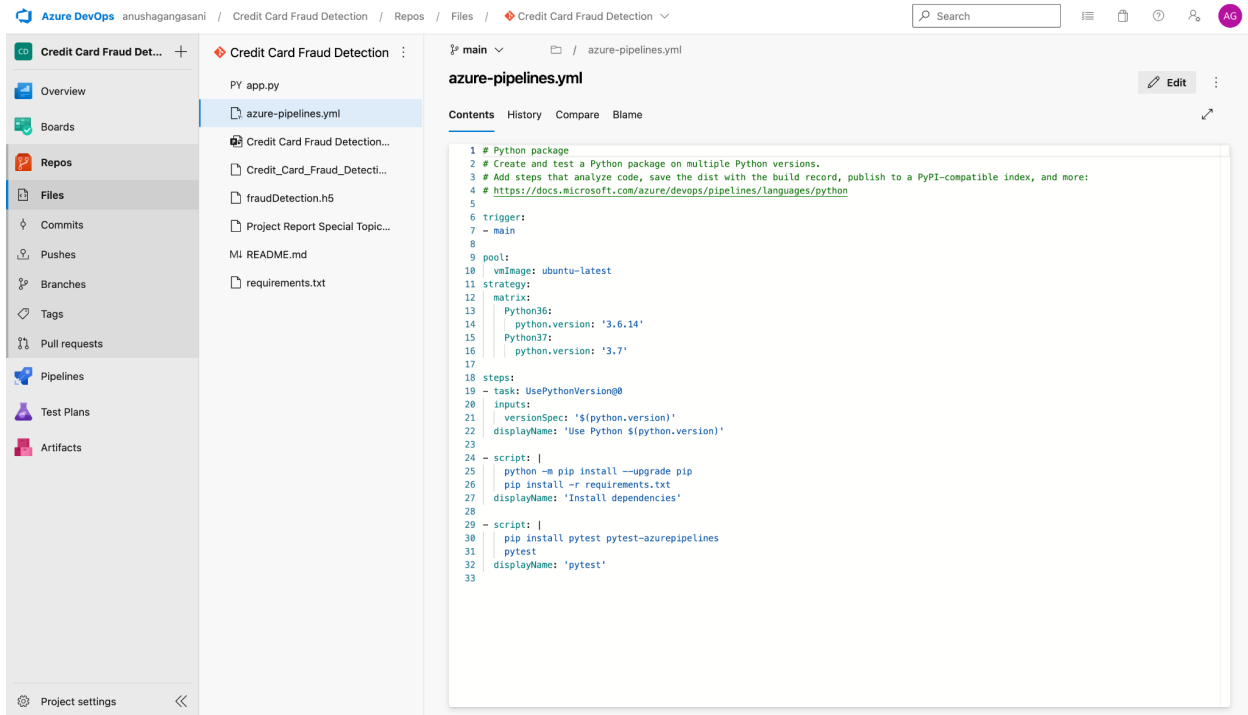
CI/CD Pipeline

1. Create an account in Azure DevOps and create a project with name as Credit Card Fraud Detection

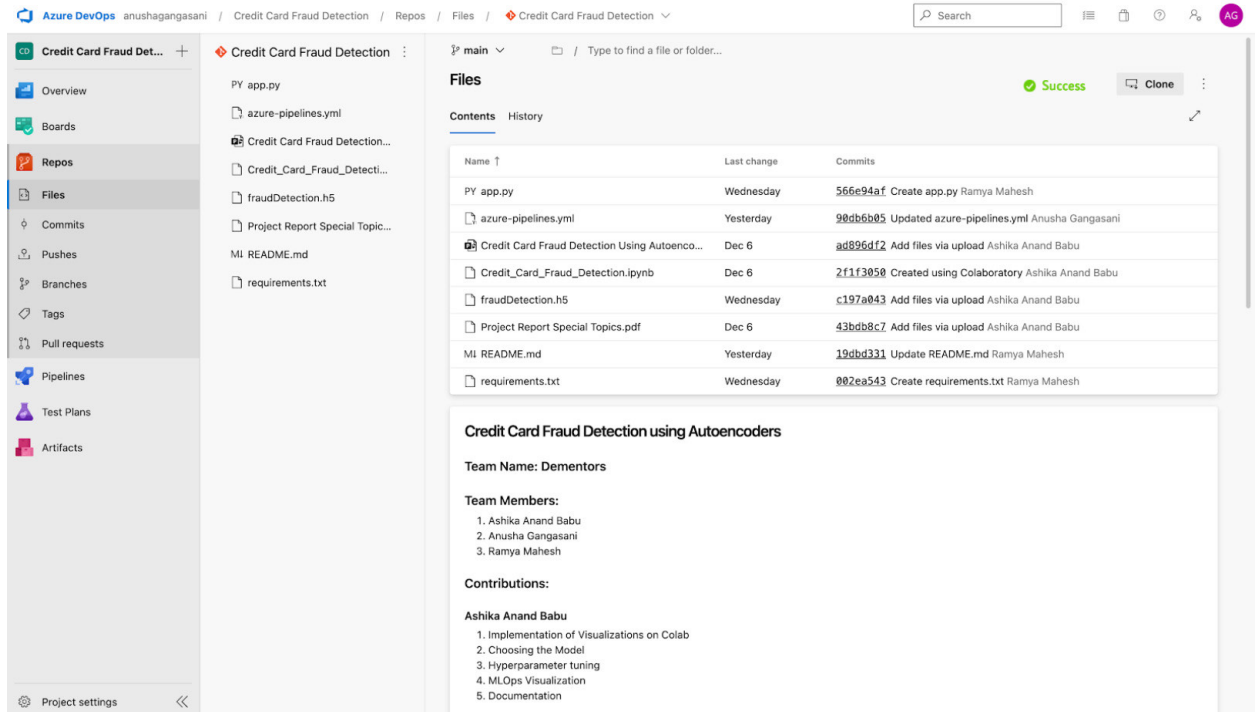




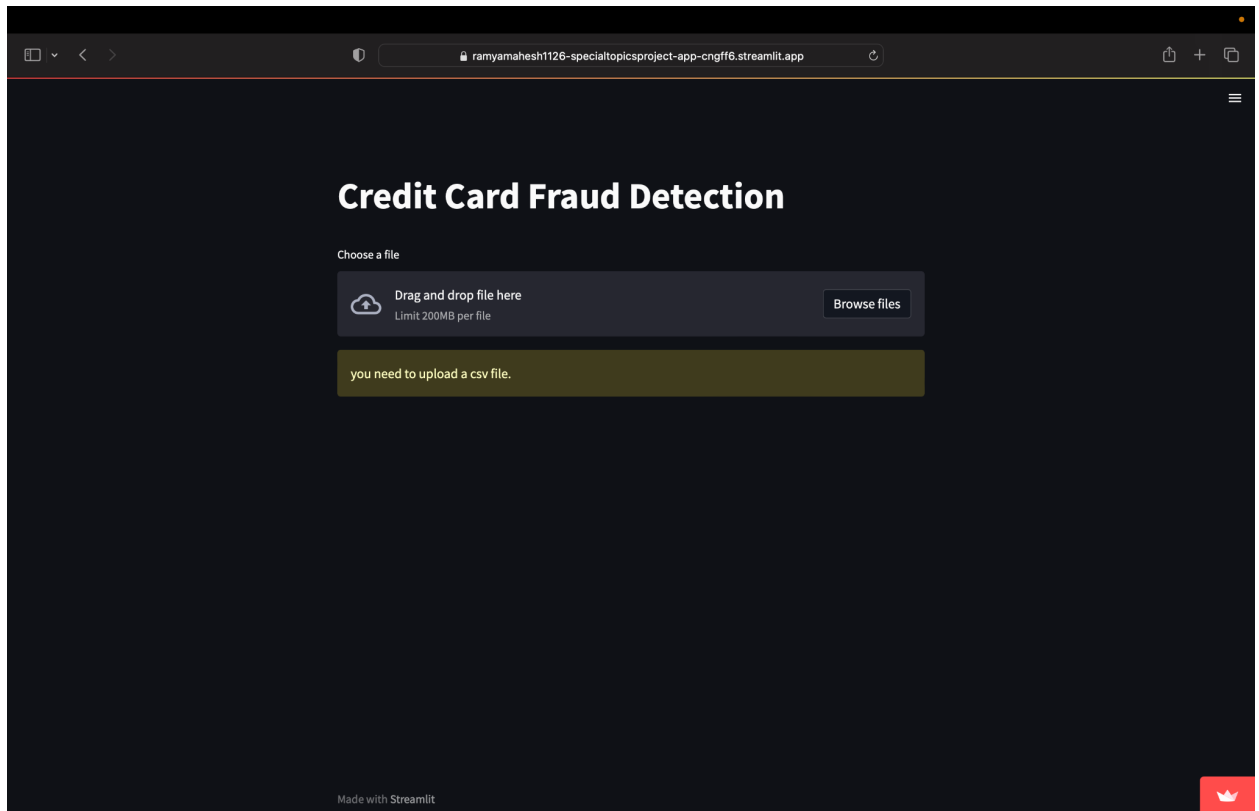
2. Create a pipeline from the GitHub Project Repo. This involves uploading data from the datasource - Data Injection. Data is already preprocessed. Data has undergone PCA since its confidential information and we have performed cleaning and classification for fraud and normal records.



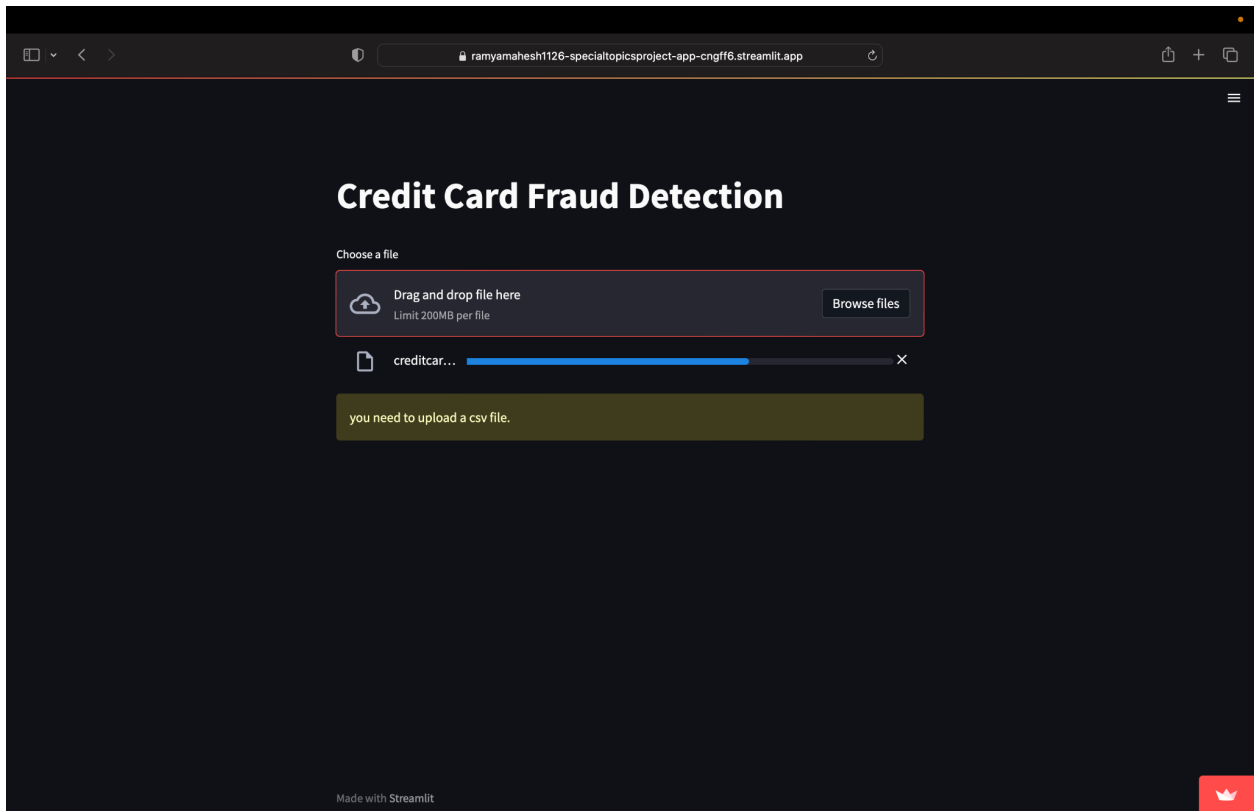
3. Used autoencoder with 50 epochs for Model training
4. Model has been stored as ".h5" file
5. Run the model



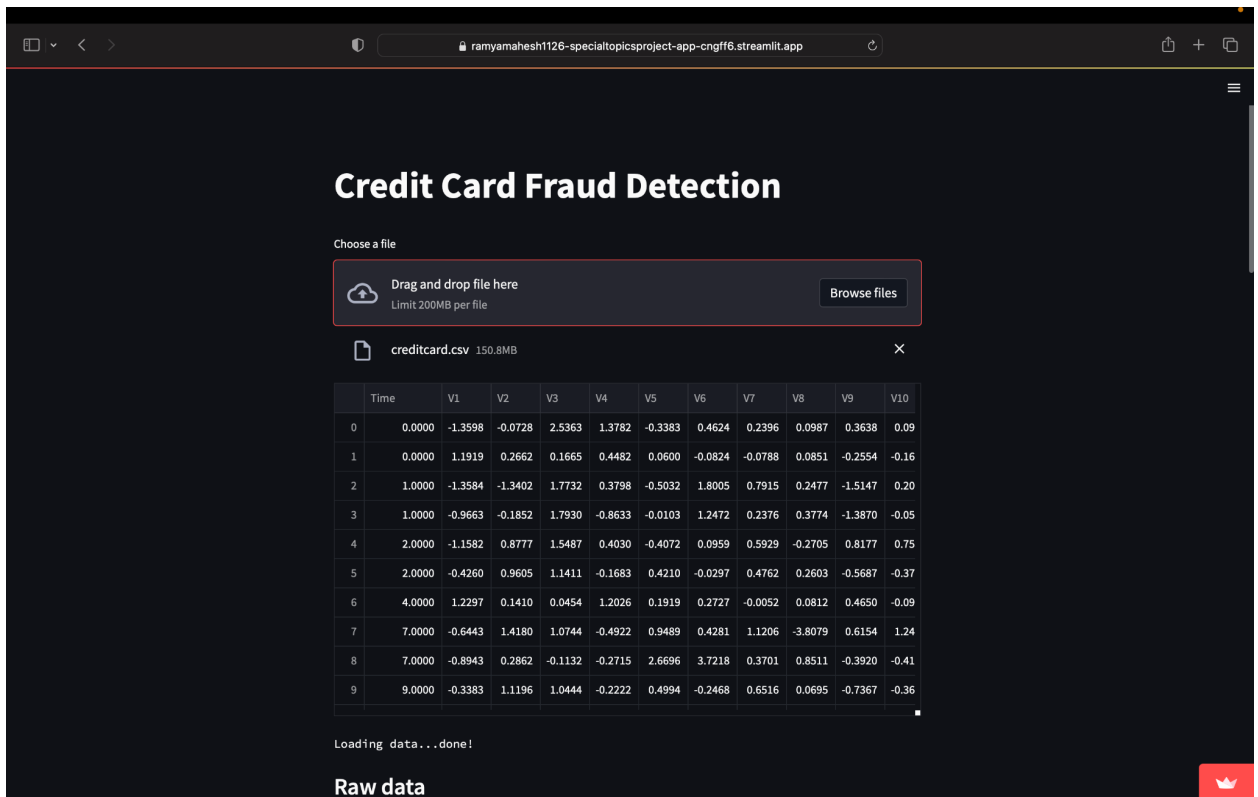
6. Model is deployed in Streamlit for visualization purposes.
7. UI after the model is deployed.



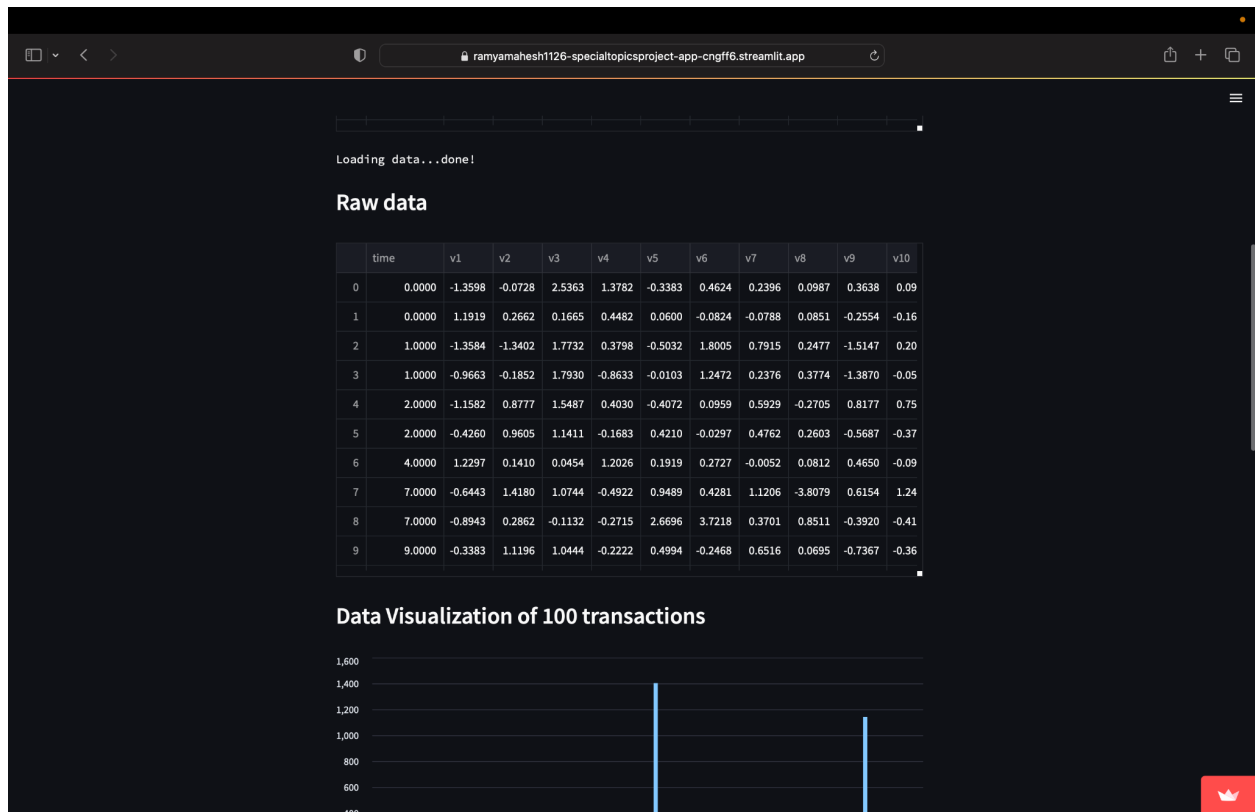
8. Upload the data.



9. Once the data is uploaded, you can see the uploaded data



10. The application then displays the raw data



11. The application later displays all the visualizations on the data and the results

