

## **D M P Disanayaka**

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## Dementia prediction system

**In this project, we predict the probability of a patient having Dementia using some clinically acquired data and some background data from patients. So this is a classification done using some basic ML models using pre-processed data.**

[https://github.com/PUUDI/stat\\_learning\\_project2\\_product](https://github.com/PUUDI/stat_learning_project2_product)

## Analyzing and Predicting risky credit card customer

**In this project, I had to predict which customers are risky and warn the relevant authorities about the risk factors. Here I had to concatenate 2 data frames(transaction data, and customer data) to create a data frame that can be used to train the model which will be used to create a web application that can be used by authorities to check the eligibility.**

[https://github.com/PUUDI/stat\\_learning\\_final](https://github.com/PUUDI/stat_learning_final)

## Covid-19 Dashboard

**In this project, I had taken the data from the WHO website and used them to create a dashboard that consists of visualizations that show the important metrics to the user. Dash and Plotly were used in this project.**

<https://github.com/PUUDI/PythonIndividual>

## Sentimental Analysis of Covid-19 Twitter dataset

**This project was done for the fulfillment of my Advanced Diploma in Data Science. I took the data which is collected from Twitter API based on the hashtag #covid19 and used different NLP techniques like tokenization, stemming, and cleaning the text using regex. Then using the NLTK library took the sentiment of each word and visualized them.**

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Note: These are some of the projects that I did during my undergraduate time.I have fundamental knowledge on using SQL and NOSQL and have experience in tools like PowerBi, Tableau for data visualization then I have some knowledge using tools like Hadoop, Spark for handling Big Data.