

Praneeth Chikile

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Profile

I excel in data science, particularly in time series modelling, statistical analysis, and data visualization, showcasing proficiency in handling complex datasets and deriving meaningful insights.

Professional Experience

Data science intern at Emirates

02/2024 – 04/2024

Dubai, UAE

- I supported business decision making to maximize revenue on pricing, by developing **Weight at departure forecast for Skycargo**.
- Implementing Time series forecasting using **ARIMA and PROPHET** models and evaluating the performance of them both and then comparing the results with the regression models and looking how much better does time series is performing better than the regression models.
- Did **Time series modelling** for the full network, by using **the booking curve**.
- Used **Dataiku platform** and **Jupyter notebooks**.

Skills

Python

Machine Learning

Scikit learn

SQL

Time Series Forecasting

Matplotlib

Seaborn

Numpy

Pandas

Projects

Flight Fare Prediction

- Predicting the price of a flight by taking different parameters like boarding point, destination, airline, etc. Initially, we did Exploratory data analysis, handled categorical data and tested some data, and used found the best model for the prediction of flight fare. We collected this data from the open-source Kaggle.
- I have used the regression models like **Linear Regression** and **Decision Trees**.
- **Libraries used:** Numpy, Pandas, Matplotlib, Seaborn, Sklearn.

Heart disease detection

- The diagnosis of heart disease is usually based on signs, symptoms of the patient.
- The severity of the disease is classified based on various methods like **K-Nearest Neighbors Algorithm(KNN), Decision Trees (DT)**.
- I took data sets from Kaggle and produced a satisfactory level of accuracy.
- **Libraries used:** Numpy, Pandas, Matplotlib, Seaborn, Sklearn.

Education

SRM Institute Of Science and Technology, *B.Tech - Mechatronics specialization in robotics*

2019 – 2023

Chennai, Tamil Nadu

Sri Chaitanya, Abdul kalam, *Intermediate Education*

2017 – 2019

Vishakapatnam

Interests

Game Development: *Made 2 games single player and multiplayer using c#* | **Sketching** | **Origami (paper art)**