SUBRATA MONDAL

Junior Data Scientist

CONTACT

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Gujarat, India

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EDUCATION

B.Tech

Computer Science

Parul Institute of Technology

September 2019 - March 2023

Vadodara, Gujarat

SKILLS

Programming: Python (Scikit-learn, Pandas, Numpy, Scipy), SQL

Data Visualization: Python (Matplotlib, Seaborn, Plotly)

Modeling: Logistic regression, Linear regression, Decision trees

Databases: PostgresSQL

Worked With: Tableau, MS Excel

HACKATHON

Green Energy Consumption

Analytics Vidhya

18-20 November 2022 - / Remote, India

- Created a Regression model to predict the consumption of green energy
- Able to achieve RMSE score of 68.2 and got a leaderboard rank of 169/6388
- Used python, numpy, pandas, matplotlib for loading, visualizing, preparing, exploring data and for modelling & evaluation used Scikit-learn library

Customer Lifetime Value

Analytics Vidhya

18-20 January 2023 / Remote, India

- Created a model to predict the Customer Lifetime Value of the customers of an insurance company for the next 90 days using Linear Regression.
- Able to achieve r2_score of 15.4 and got a leaderboard rank of 331/7416
- Used python, numpy, pandas, matplotlib for loading, visualizing, preparing, exploring data and for modelling & evaluation used Scikit-learn library

PROJECT

Movie Recommendation System

College Project / Oct 2022 - Nov 2023 / Vadodara, Gujarat

- Created a Cosine Similarity model for recommending similar movies
- Integrated Imdb links with the recommended results for more movie details that redirects you to their movie websites
- Used Streamlit for MLOps and hosted the Webapp in the cloud

Heart Attack Prediction

College Project / Sep 2022 - Jan 2023 / Vadodara, Gujarat

- Created a Classification Model for Heart Attack prediction using Logistic Regression
- Able to achieve an accuracy score of 80% and the project got selected for TechExpo
- Used Streamlit for MLOps and hosted the Webapp in the cloud