

SUBRATA MONDAL

MACHINE LEARNING | DATA SCIENCE

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EDUCATION

BTech | B.E - Computer Science Engineering, CGPA - 7.1
Parul University, 2019 - 2023

COURSEWORK

DATA SCIENCE | ML

Machine Learning Specialization - DeepLearning.AI
Natural Language Processing Specialization - DeepLearning.AI

SQL | DBMS

Advanced SQL: Data Analysis & Business Intelligence - Maven Analytics,
PostgreSQL Bootcamp

SKILLS

- Python - Advanced
- SQL - Advanced
- Pandas - Advanced
- Numpy - Advanced
- Matplotlib - Intermediate
- Seaborn - Intermediate
- ScikitLearn - Intermediate
- Git & Github - Intermediate
- Data Wrangling, Visualization
- Machine Learning

ACHIEVEMENT

- Ranked 166 out of 6388 registered participants in Data Science hackathon held in November by Analytics Vidhya.
- Ranked 331 out of 7416 registered participants in Data Science hackathon held in Jan, 2023.
My r2_score: 0.15489 & winner's: 0.161883

PROJECTS

Heart Attack Predictor NOV, 2022

- Created Machine Learning Pipeline with multiple Column Transformers for Imputing, OneHotEncoding, RobustScaling, Linear Regression modelling
- Did cross validation and achieved an accuracy of 84.2%
- Used the Pipeline for production and integrated in web app and hosted with streamlit cloud
- <https://subratamondal1-heart-attack-prediction-app-p4oz89.streamlit.app/>

Movie Recommendation System SEP,2022

- Movie recommendation system with Natural Language Processing, used nltk library and techniques like bag of words, stemming, etc
- Followed the standard ml workflow (CRISP-DM)
- Created a fully functional web app with streamlit framework and deployed it with streamlit cloud
- <https://github.com/subratamondal1/Movie-Recommendation-System>