EISHKARAN SINGH

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OBJECTIVE

Dedicated and results-driven Data Scientist with hands-on experience in data analysis, machine learning, and programming. Skilled in using various tools and technologies to extract valuable insights from complex data sets. Possess a strong background in computer engineering and data science with expertise in programming languages.

EDUCATION

THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY PATIALA
BTech Computer engineering [September 2021-Present]

INDIAN INSTITUTE OF TECHNOLOGY MADRAS MADRAS
Bsc Data science and programing [January 2022-Present]

SACRED HEART CONVENT SCHOOL SARABHA NAGAR LUDHIANA
High School [2007-2021]

PROJECTS

- **Website** (https://eishkaran.github.io/queenzcloset/)
    - Used HTML, CSS, JAVASCRIPT to make the website as a part of the first commercial website made for someone else
- **Website** (https://eishkaran.github.io/PersonalPortfolio/index.html)
    - Used HTML, CSS, JAVASCRIPT to make the portfolio website for myself
- **Kaggle Notebooks**
    - **GoDaddy Micro business density Forecasting** (https://www.kaggle.com/code/eishkaran/godaddy-better-eda-xgb-baseline)
        - Analysed data to predict micro business density in a given area using machine learning models
        - Used Python, XGBoost for data pre-processing and modelling
    - **Spotify music recommendation system** (https://www.kaggle.com/code/eishkaran/spotify-music-recommendation-system)
        - Analysed music data to develop a recommendation system for Spotify users
        - Used Python, Pandas, Seaborn, Plotly, for data pre-processing, analysis and modelling
    - **IMDB EDA** (https://www.kaggle.com/code/eishkaran/imdb-eda)
        - Analysed IMDB movies data to extract insights and trends in movie industry
        - Used Python, Spacy, and Matplotlib for data analysis and visualisation
    - **TITANIC PREDICTION** (https://www.kaggle.com/code/eishkaran/titanic-prediction)
        - Developed a machine learning model to predict the survival rate of passengers in Titanic Dataset
        - Used Python, Pandas, and Seaborn for data preprocessing and visualisation.

SKILLS

- **MATHEMATICS** (Linear algebra, Statistics and probability, Calculus)
- **PROGRAMMING LANGUAGES** (Python(advanced) , C, C++)
- **WEB DEVELOPMENT** (HTML, CSS, JAVASCRIPT)
- **LIBRARIES/FRAMEWORK** (Pandas, Numpy, Seaborn, matploblib, Plotly, XGBoost, scikit-learn)
- **MACHINE LEARNING** (Regression, Classification, Clustering, Neural Networks, Deep Learning)
- **DATABASE MANAGEMENT SYSTEMS** (MySQL,Oracle)
- **SOFT SKILLS** (Public Speaking, Leadership, Communication Skills)

MISCELLANEOUS

- **CAREER CERTIFICATES** (Python, MySQL, Pandas,Problem Solving, Supervised Machine Learning)
    - https://www.kaggle.com/learn/certification/eishkaran/python
    - https://www.hackerrank.com/certificates/dde64c28622a
    - https://www.hackerrank.com/certificates/f73b58090df1
    - https://www.kaggle.com/learn/certification/eishkaran/pandas
    - https://www.kaggle.com/learn/certification/eishkaran/intro-to-sql
    - https://coursera.org/share/c83d198695e1f6c59c2a9f280817b7de
- **KAGGLE EXPERT** (https://www.kaggle.com/eishkaran)
- **SILVER ZONE OLYMPIAD** (International Informatics Olympiad)
    - SCHOOL RANK 1