AFTAB KHAN

DATA SCIENTIST

CONTACT

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aftabakhan82.github.io/portfolio/

Vasai

SKILLS

Programming Languages: Python, R, SQL

Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn, Tableau, Microsoft Excel

Machine Learning: Scikit-learn, TensorFlow, Keras

Databases: MySQL

Other Skills: Data Cleaning, Statistical Analysis, Machine Learning Models, Regression Analysis

EDUCATION

12th Maharashtra State Board

St.Annes Convent Junior College

2018-2020

Bsc Data Science

Viva college

2021-2024

LANGUAGES

English ◆ ◆ ◆ ◆ ◆

Hindi ◆ ◆ ◆ ◇ ◇

PROFILE

Highly motivated Data Analyst with a BSc in Data Science and a solid foundation in statistics, machine learning, and data visualization. Experienced in customer churn prediction, crypto portfolio management, and sales data analysis using tools like Python, SQL, Tableau, and Neo4j. Adept at identifying trends, solving problems, and delivering actionable insights.

PROJECTS

Crypto Portfolio Management System

2022-2023

Description:
- Developed a comprehensive web application for tracking and managing cryptocurrency investments.

Key Responsibilities:
- Designed and implemented the application using Flask with modern, responsive CSS for UI.
- Integrated APIs to fetch real-time cryptocurrency prices and calculate portfolio performance.
- Built interactive dashboards using Python visualization libraries like Matplotlib and Plotly to display portfolio trends and analytics.
- Ensured a smooth user experience with features like portfolio insights, ROI tracking, and visual representations of holdings.

Skills Used:
- Python, Flask, Pandas, Matplotlib, HTML/CSS, API Integration

Customer Churn Prediction

2023-2024

Description:
- Developed predictive models to identify customers likely to churn and provide actionable insights for retention strategies.

Key Responsibilities:
- Conducted data preprocessing, including handling missing and duplicate values and feature scaling.
- Performed exploratory data analysis (EDA) to uncover patterns and trends in customer behavior.
- Implemented machine learning algorithms like Logistic Regression, Random Forest, and XGBoost to predict churn.
- Achieved a 15% improvement in model accuracy by optimizing hyperparameters and feature selection.
- Delivered a detailed report highlighting churn drivers and retention strategies.

Skills Used:
- Python (Pandas, NumPy, Scikit-learn), SQL, Data Cleaning, Feature Engineering