Mirza Razibul Islam Shatu

Data Scientist

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🔗 Kaggle

Education

Rajshahi College, Rajshahi
BSc in Statistics

Skills

Programming Languages:

• Python (Pandas | NumPy | Scikit-Learn), • SQL , • R

Data Analysis & Visualization:

• Matplotlib, • Seaborn, •Plotly

Machine Learning:

• Supervised Algorithms & Unsupervised Algorithms

Statistical Methods:

• Hypothesis Testing, • Data Wrangling, • Probability Distributions

Databases:

•MongoDB, • Microsoft SQL Server

Projects

Best ML Model for Academic Success

🔗 Academic Success Notebook
Tools: Python (Pandas, NumPy, Matplotlib, Scikit-Learn)
Description:
• Built and compared multiple machine learning models to predict academic success
• Performed data preprocessing (handling missing values, encoding categorical variables, feature scaling)
• Evaluated models using accuracy, RMSE, and R² score
• Analyze feature importance to identify key factors affecting student performance

House Price Prediction

🔗 House Price Prediction Notebook
Tools: Python (Pandas, NumPy, Plotly, Scikit-Learn)
Description:
• Built and compared multiple machine learning models to predict house prices.
• Performed data preprocessing, including handling missing values and feature engineering.
• Evaluated models using metrics such as Root Mean Squared Error (RMSE) and R² score.
• Created interactive visualizations using Plotly to analyze feature importance and model performance.

Random Forest Classifier for Titanic Dataset

🔗 Titanic Dataset Notebook
Tools: Python (Pandas, NumPy, Matplotlib, Scikit-Learn)

Description:

• Built a Random Forest Classifier to predict survival on the Titanic dataset

• Performed data preprocessing (handling missing values, feature engineering)

• Evaluated the model using accuracy, precision, recall, and F1-score

• Created visualizations to analyze feature importance and model performance

Certifications

Applied Data Science Lab

WorldQuant University

🔗 Data Science Badge

Data Scientist

Ostad

🔗 Data Science Certification Program

Social Media

in Linkedin