Nourhan Ahmed

I'm a passionate data scientist skilled in statistics and machine learning, focused on transforming complex data into actionable insights.

Education and Background

I hold a Bachelor's degree in Navigation Science and Space Technology (NSST) from Beni Suef University, where I developed a strong foundation in data analysis and applied technologies. My education has equipped me with critical thinking skills and a passion for leveraging data to solve complex problems.

Technical Skills

Programming Languages

Proficient in Python, SQL for data manipulation and analysis.

Data Visualization

Skilled in Power bi, Matplotlib, and Seaborn to create insightful visual exhibits.

Machine Learning

Experienced in building models using Scikit-learn and TensorFlow ,Regression, Classification, Random Forest for predictive analytics

Data Analysis Projects
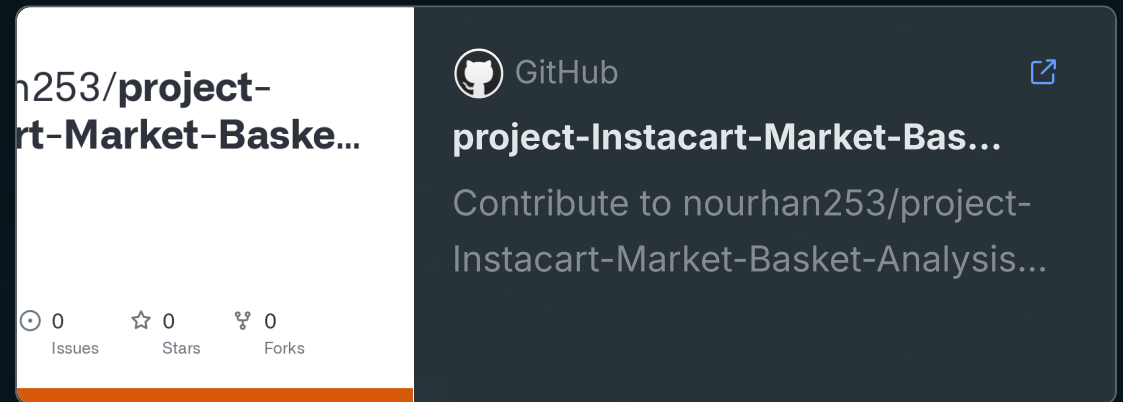
Instacart Market Basket Analysis project

In the Instacart Market Basket Analysis project, I analyzed customer behavior, product performance, and buying patterns using transaction data. The project was divided into key stages: data exploration and preprocessing, exploratory data analysis (EDA), and answering business questions.

House Price Prediction Project

In the House Price Prediction Project, I predicted house prices based on features like location, size, number of rooms, and year built. I used key metrics such as Root Mean Square Error (RMSE), Mean Absolute Error (MAE), and R-squared score for model evaluation. The project utilized Python, Pandas, NumPy, Scikit-learn for modeling, and Matplotlib/Seaborn for data visualization, all within Jupyter Notebook.

Projects Links

https://github.com/nourhan253/House-Price-Prediction.gitGitHub Repository

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GitHub

project-Instacart-Market-Bas...

Contribute to nourhan253/project-Instacart-Market-Basket-Analysis...

0
Issues

0
Stars

0
Forks

Certifications

Certified Data Scientist (DEPI)

Conclusion and Next Steps

I am excited to further my journey in data science, looking forward to opportunities where I can apply my skills to meaningful, innovative projects. With a strong passion for data, I am committed to leveraging its potential to create positive impacts for businesses and society alike.

 I look forward to discussing potential opportunities!