Data Scientist/ Data Analyst

SAUDHA HIBATHULLAH

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Skills

- Programming languages: Python, SQL, HTML, CSS, JS
- Analytical tools: Microsoft Power BI, Tableau, Excel Charts, Jupyter Notebook
- Database: Microsoft SQL Server, MySQL

Areas of Study

- Statistics for Data Science
- Machine learning algorithms
- SQL for Data Analysis
- Data Visualization
- Exploratory Data Analysis

Projects

SALES SHEET SCANNER – Personal Project January 2024

- Developed a **Python Flask** application with **HTML** view to analyze cleaned input data sheets of items from sellers
- Implemented **Sentiment Analysis** to calculate the Customer Satisfaction Index (CSI) based on about **700 Webscrapped** reviews, item ratings and transportation ratings
- Provided feedback messages to sellers indicating the item's worthiness for sale based on the calculated CSI

VIDEO GAMES MARKET TREND DASHBOARD– Personal Project March 2024

- Developed a comprehensive **Power BI** dashboard to explore global trends within the video game market spanning from the 1980s to present day
- Conducted thorough data preprocessing tailored to the specific requirements of the dashboard's output
- Utilized Power BI to conduct detailed comparisons between sales years, video games, and video game industries, offering insights into the market's dynamics and evolution

PREDICTIVE ANALYSIS ON GEORGIA REALESTATE – Personal Project **–** Philadelphia, PA December 2023

- Created a predictive model using **Jupyter** and **Python** to analyze and forecast property prices in Georgia leveraging diverse machine learning algorithms and methodologies to effectively predict real estate trends and prices
- Utilized a dataset comprising approximately **14,000** samples to train the model, ensuring robustness and accuracy.
- Integrated **HTML** and **CSS** to develop visually engaging and interactive visualizations, improving user experience and engagement.

Work Experience

– SUPPLY CHAIN COORDINATOR– Raq Holdings - Remote November 2022 - March 2023

- Managed the end-to-end supply chain operations for RAQ Holdings, ensuring efficient flow of goods and materials.
- Utilized Excel spreadsheets extensively to track inventory levels, monitor sellers performance, and optimize purchasing processes.
- maintained Excel-based dashboards to provide real-time visibility into key performance indicators (KPIs) such as inventory turnover, stock-out rates, and supplier lead times.

Education

HIGHER NATIONAL DIPLOMA IN SOFTWARE ENGINEERING – Pearson College December 2022`