

SAUDHA HIBATHULLAH

Skills

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

Special Areas of Study

- Statistics for Data Science
- Machine learning algorithms
- Data Visualization
- Excel and SQL for Data Analysis

Prime Projects

PREMIUM SHIPPING OPTION ANALYSIS – HR GLOBAL STORE- Personal Project August 2024

- Conducted an analysis in **Tableau** to evaluate the feasibility of implementing premium shipping, examining over **132,000** product quantity to assess its impact on profits, current shipping methods and costs
- Performed data cleaning and transformation using **Excel Queries** and **Pivot Tables** for Easy insight extraction, employing **Trend Analysis** and **Frequency Distribution** to uncover relationships, applied critical thinking to approach the data effectively and Generated a **Detailed Report** with clear recommendations on whether to adopt premium shipping

LA CRIME TRACKER: DASHBOARD INSIGHTS 2020 TO PRESENT- Personal Project June 2024

- Designed and developed an interactive **Tableau** dashboard with **Data visualization** techniques and implement advanced geographical chart maps and interactive filters analyzing over **17,000** crime records from Los Angeles, which gave detailed insights into crime trends, victim demographics, locations and weapon usage
- Performed data-driven analysis with effective **Insight Extraction** supported by **Data Accuracy**, graphs and charts revealing insights such as the concentration of crimes in Central Los Angeles and the significant role of firearms in over 1,000 incidents

VIDEO GAMES MARKET TREND DASHBOARD– Personal Project March 2024

- Developed a comprehensive **Power BI** dashboard that leverages drill-through, drill-down techniques and filtering to provide a detailed and user-friendly analysis to explore insights of global trends and regional 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

PREDICTIVE ANALYSIS ON GEORGIA REALESTATE – Personal Project 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
- 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 end-to-end supply chain operations for RAQ Holdings by using **Excel** spreadsheets to track inventory levels, monitor sellers' performance, optimize purchasing processes and by maintaining **Excel-based dashboards** to provide real-time visibility into key performance indicators (KPIs) such as inventory turnover and stock-out rates

Education

HIGHER NATIONAL DIPLOMA IN SOFTWARE ENGINEERING – Pearson College

2023 – 2024 December

