

# 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

## 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 Web scrapped** 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  
2022`

December