

JASSMON ALLEN

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PROJECTS

Web Scraping Project

Independent Project | Humble, TX

MARCH 2024

Python Web Scraping: Developed a Python script leveraging libraries such as BeautifulSoup and requests to scrape structured data from the Wikipedia page, efficiently extracting details on company names, revenues, and industries.

Data Processing with Pandas: Utilized the Pandas library to clean and preprocess the scraped data, handling missing values, formatting inconsistencies, and duplicates, ensuring data integrity for subsequent analysis.

Analysis and Visualization: Leveraged Pandas' powerful functionalities to conduct exploratory data analysis (EDA), uncovering insights into revenue distribution, industry dominance, and geographical representation among the top companies, visualizing findings through charts and graphs for enhanced interpretation.

Power BI Dashboard Project

Independent Project | Humble, TX

FEBRUARY 2024

Integrated Data & Visualized Insights: Integrated survey data into Power BI, enabling interactive exploration of position distribution, demographic insights, and technology preferences.

Interactive Visualization: Leveraged Power BI's interactive features to create an intuitive dashboard, allowing stakeholders to explore survey responses regarding position distribution, demographic insights, and technology usage patterns.

SQL Project

Independent Project | Humble, TX

JANUARY 2024

Data Extraction & Preparation: Employed SQL queries to extract and prepare relevant COVID-19 data for analysis, ensuring accuracy and completeness.

Exploratory Data Analysis: Conducted EDA using SQL queries to uncover patterns, trends, and correlations related to COVID-19, including regional variations and demographic factors.

Visualization and Insights: Transformed analyzed data into clear visual representations using SQL and visualization tools, enabling stakeholders to make informed decisions and strategic plans in response to the pandemic.

EDUCATION

Bachelor of Science in Computer Science

Sam Houston State University | Huntsville, TX

MAY 2022

Relevant Coursework:

Data Structures & Algorithms | Database Management Systems | Statistical Methods in Practice | Regression Modeling & Analysis

SKILLS

SQL | Excel | Tableau | Microsoft Power BI | Python | Web Scraping

SQL Server | MySQL | VLOOKUP | Conditional Formatting | Pivot Tables | Pandas | Matplotlib

CERTIFICATIONS

Data Analyst Bootcamp Completion Certificate

Data Analyst Bootcamp | Humble, TX

MARCH 2024

REFERENCES

Available Upon Request