**Merrill Kitchens**

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**Education**

**Bachelor of Business Administration, Business Economics** December 2024

***Georgia State University, Robinson College of Business***

* Relevant Coursework (3.5 GPA): Data Collection & Analysis, Data Structures & Algorithms, Economic Research
* Data Analyst/ Software Engineer Projects available to view upon request

**skills**

* SQL (MySQL, PostgreSQL, Big Query)
* Tableau (Advanced Data Preparation, Creating Dashboards, Data Cleaning)
* Python (Pandas, NumPy, Matplotlib, Seaborn)
* Excel (VLOOKUP, Pivot Tables, Conditional Formatting, Automation)
* Java Script
* AWS
* R

**Projects**

#### **Movie Genre Data Analysis (Pandas)**

***Description:*** *Conducted an in-depth analysis of movie genres using a dataset of IMDb movies. Explored trends in budget, revenue, popularity, and voting averages to uncover insights about the film industry.*

* Analyzed genre frequency, budget, revenue, and popularity metrics.
* Identified trends in high-performing movies based on vote average and profitability.
* Generated insights on the correlation between budget, revenue, and popularity.
* Used Python (Pandas, NumPy, Matplotlib/Seaborn) for data analysis and visualization.

#### **Food Marketing Data Analytics (Pandas)**

*Description****:*** *Analyzed food marketing data using Python to uncover insights about customer behavior, sales trends, and marketing effectiveness.*

* Cleaned and processed raw marketing and sales data using Pandas and NumPy.
* Conducted exploratory data analysis (EDA) to identify trends and patterns in consumer purchasing behavior.
* Built and evaluated predictive models to assess the impact of marketing campaigns on sales.
* Visualized insights using Matplotlib and Seaborn to communicate findings effectively to stakeholders.
* Provided actionable recommendations to optimize future marketing strategies.

**Automation Dashboard (Excel)**

*Description****:*** *Designed and developed an automated dashboard in Excel to track and visualize vehicle data, including performance, maintenance, and operational efficiency.*

* Built interactive dashboards using Excel functions, pivot tables, and dynamic charts
* Automated data import and processing with Power Query to ensure real-time updates.
* Implemented conditional formatting and data validation to enhance data integrity and visualization.
* Provided insights into vehicle performance trends and maintenance schedules, improving fleet management decisions.

**Experience**

#### **Data Analyst – Ifline Plastics April 2024 - Current**

* Conducted data analysis and reporting using Python (Pandas) to optimize warehouse operations and inventory management.
* Created automated reports and dashboards to track inventory levels, order fulfillment rates, and operational efficiency.
* Analyzed supply chain and warehouseperformance metrics to identify trends and areas for improvement.

**CERTIFICATIONS**

* Analyst Builder for Data Analyst Certification: (Advanced MySQL for Data Analysis, Pandas, Python, Tableau)
* Google Data Analytics Certification: (Advanced Excel for Automation, R, Big Query)