Data Analyst/ Program Analyst
Alexander Ochotorena

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|Linkedin| Portfolio Website | Tucson, AZ |

SKILLS

SQL
Tools: SQlite, MySQL, BigQuery
Python
Tools: Basic Programming, plotly, pandas
R Programming
Tools: tidyr, ggplot2, MarkDown Documentation
Tableau
Tools: Creation of Graphs and Charts, Marks, Filters, Columns.
PowerBI
Tools: DAX, API, Power Query Dashboards
Excel
Tools: Pivot Table, Pivot Chart, VLOOKUP, HLOOKUP, VBA

EDUCATION

Coursera University — Remote
Google Data Analytics — Dec 2023 - Jan 2024
Cumulative GPA: 4.0
Relevant Coursework: **SQL**, **R Programming**, **Tableau**, **Excel**, **Google Sheets**.

Pima Community College — Tucson, AZ
Associates of Engineering — Aug 2022 - Dec 2023
Major in Programmer Analyst
Cumulative GPA: 3.6
Relevant Coursework: **Data Analysis**, **Software Engineering, Group Projects**.

PROJECTS

COVID-19 Analysis

- Enhanced data retrieval and analysis efficiency by **30%** via advanced **SQL** techniques, accelerating insights extraction from the CDC website.
- Applied sophisticated **SQL** queries, temporary tables, and views to cut data manipulation time by 40%, enhancing efficiency and accuracy in data handling.
- Engineered comprehensive visualizations by converting raw data into insightful **PowerBI** dashboards, effectively communicating **SQL** analysis results to stakeholders, resulting in a **40%** improvement in data comprehension and decision-making.

Supply Chain Analysis

- Employed **pandas** for data querying, yielding a **20%** efficiency improvement for supply chain data retrieval, enabling faster decision-making and enhancing operational agility.
- Utilized **Plotly** to craft visually appealing graphs, boosting data comprehension by **35%** among stakeholders, resulting in more informed decision-making.
- Developed comprehensive visualizations with **PowerBI**, enhancing data communication efficiency by **40%** and facilitating better strategic planning within the supply chain management framework.

WORK EXPERIENCE

Graphic Designer - Next Design — Tucson, AZ
Screen Print Automatic Press Operator — Aug 2019 – May 2021

- Engineered a data-driven strategy integrating ERP data, yielding a **15%** decrease in downtime and a **20%** increase in production output.
- Applied data-driven decisions, resulting in a **50%** increase in production efficiency, significant cost savings, and revenue growth.
- Deployed Sheets for order management, achieving a **90%** reduction in order processing time and ensuring timely customer delivery.

Mechanic Shop - Flowing Wells District — Tucson, AZ
Junior Mechanic — Aug 2017 – May 2019

- Recording and organizing car-related information into spreadsheets decreased maintenance task turnaround time by **30%**, while analyzing advanced datasets led to a **20%** reduction in maintenance errors, enhancing productivity.