

Data Analyst with experience in data automation, KPI reporting, and cross-functional collaboration. Skilled in streamlining processes and analyzing data to drive operational insight.

Projects

PERSONAL FINANCE ANALYSIS | PYTHON, EXCEL December 2024 - April 2025

- Automated cleaning and formatting of monthly bank statements with **Python script**, improving financial workflow efficiency and reducing manual work by 5 hours/month.
- Conducted detailed financial analyses, leveraging **pivot tables** and **formulas** to find trends and **automate** financial calculations.
- Designed **excel dashboard** to present spending trends, enabling clear and actionable insights resulting in reduced average variable expenses and maintaining a savings rate above 50%.

STUDENT PERFORMANCE ANALYSIS | PYTHON, EXCEL, POWER BI January 2024 – February 2024

- Performed data analysis on student grades and uncovered low engagement utilizing more direct instruction to **increase class averages by 3-5%**.
- Utilized **Excel** and **Python** to clean and transform data, ensuring compatibility with **Power BI**.
- Created **Power BI DAX** functions to perform advanced analysis to identify **key performance indicators**.

HEALTHCARE ANALYSIS | SQL December 2024 - January 2024

- Analyzed patient data, applying data validation techniques with **SQL** and produced **KPI metrics**.
- Created high-level executive reports to support operational decisions, modeling insights similar to finance team dashboards.
- Provided recommendations based on cost trends and resource utilization patterns.

Work Experience

HIGH SCHOOL MATH TEACHER CULVER CITY HIGH (2024-2025) | SANTA CRUZ HIGH SCHOOL (2021-2024)

- Collaborated with parents, teachers, and administrators to identify, monitor, and support a cohort of struggling students resulting in a 88% receiving credit and a 44% meeting A-G Requirements.
- Supported new teachers as Course Lead, sharing lesson plans, providing guidance on instructional strategies, and fostering collaboration to enhance department effectiveness.
- Implemented classroom management strategies increasing student engagement by 6% while balancing multiple objectives and deadlines.

Education

MASTERS OF ARTS, EDUCATION - University of California, Santa Cruz	June 2021
BACHELORS OF SCIENCE, MATH-COMPUTER SCIENCE– University of California, San Diego	June 2017

Technical Knowledge

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|--------------------------|---|
| SQL (mySQL, SQLite) | Excel (Pivot Tables, XLOOKUP, data visualization) |
| Python (ETL, automation) | Power BI (DAX, Power Query) |
| Statistical Analysis | Microsoft Suite & Google Workplace |