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# Skills

* SQL (MySQL, PostgreSQL)
* Python (Pandas, NumPy, Matplotlib, Seaborn)
* Excel (VLOOKUP, Conditional Formatting, Pivot Tables)
* Tableau

# Education

Bachelor of Arts in Applied Economics – California State University San Bernardino

**Major**: Applied Economics

**Coursework**: Macroeconomics, Microeconomics, Quantitative Economics, Statistics, Accounting, Finance

# Projects

U.s traffic Accidents comparison dashboard in Tableau

* Created a Tableau dashboard that provides a comprehensive analysis of traffic accident fatalities in the United States from 2015 to 2021.
* Transformed and processed data from the National Highway Traffic Safety Administration by using **Excel** and **filtering** irrelevant data.
* Analyzed several aspects of the data, including driver and pedestrian deaths, gender-based comparisons, state-wise trends, age group distributions, and the involvement of alcohol and drugs in these fatalities.

**Analyzing Global Layoffs: Data Cleaning and Exploratory Data Analysis with SQL**

* Cleaned and standardized a global layoffs dataset in **PostgreSQL** by removing duplicates with CTEs, handling null values, and converting data types for reliable analysis.
* Utilized **UPDATE** and **ALTER TABLE** statements to reformat columns and standardize entries, such as converting text-based dates and normalizing industry names.
* Crafted analytical queries with **GROUP BY**, **ORDER BY**, and **EXTRACT** functions to identify trends by company, year, month, and location, pinpointing peak layoff periods and regions most impacted.
* Employed window functions like **OVER** to calculate rolling monthly layoff totals, enabling insights into cumulative trends over time.

SuperMarket Transaction Data Analysis USING SQL

* **Analyzed transaction data** from a Polish supermarket using SQL to uncover key financial insights, including payment methods and weekly transaction patterns.
* **Created and managed a PostgreSQL database**, importing tens of thousands of records from a CSV file and ensuring data integrity for analysis.
* **Extracted insights** such as highest transaction days and total/average spend per day, leveraging SQL queries and data aggregation techniques.

Data Analyst Job Market Analysis Using Python

* Utilized **Python** to analyze 700000 data science job listings and gain insights on what it takes to land a job in analytics
* **Transformed and filtered data**, selecting specific columns for detailed analysis using **pandas**.
* **Aggregated data** to identify trends and essential requirements in the job market.
* Created professional visualizations using **Matplotlib** and **Seaborn** to compile a comprehensive report on job market insights.

# Work Experience

Warehouse Associate **–** Ricoh USA Inc. **–** Rialto, CAJune 2023 - Present

* Pick and pack products for customer orders in a timely manner, meeting productivity and quality standards.
* Use UPS WorldShip software to scan orders, create shipping labels, and prepare the order to ship.
* Train new employees on company procedures and safety guidelines, ensuring a smooth onboarding process and adherence to operational standards.
* Perform inventory checks by inspecting item locations, identifying missing items, and reporting inconsistencies to maintain accurate inventory levels