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[ticketanalyticsx.com](https://ticketanalyticsx.com) | [github.com/TicketAnalyticsX](https://github.com/TicketAnalyticsX)

## Education

**B.S** in Data Science  
San Jose State University - San Jose, CA

August 2025 – May 2027

**Associate** in mathematics  
San Jose City College, San Jose, CA

August 2022 - May 2025

## Technical Skills

- Language & Tools: Python, SQL, Java, R, Git, Docker & Linux
- Data Engineering & Cloud: AWS (Redshift, S3, Lambda, Glue, EMR, CloudFormation), Apache Spark, Airflow, ETL/ELT, Stream & Batch Processing
- Data Visualization: Tableau, Power BI, Excel
- Machine Learning (familiar): TensorFlow, PyTorch
- Other: APIs, A/B Testing, Wireshark, Statistics

## Certifications

- **AWS:** Cloud Practitioner, Solutions Architect, Certified Developer, Certified Data Engineer

## Work Experiences

Data Analyst Intern (Data Engineering Focus), UL Solutions, Fremont, CA

April 2025 – August 2025

- Designed and automated pipelines to process RF test data (Wi-Fi, Bluetooth, LTE, 5G, 6G), enabling large-scale performance analysis.
- Developed SQL queries and Python scripts to detect anomalies and extract insights from structured and semi-structured datasets.
- Collaborated with engineers to optimize data flows, improving test throughput and reducing manual intervention.

Server, Hungry Cow, Fremont, CA

January 2023 – Present (Part-time)

- Delivered customer service while coordinating team workflows and managing transactions.

## Projects

### Sales Dashboard and Insights (Capstone Project SJCC)

2024

- Built an end-to-end ETL pipeline using SQL and Python to aggregate multi-source sales data into Tableau dashboards.
- Optimized queries to reduce processing time by 30%, enabling faster reporting on profitability and shipping costs.

### Product Sales Analysis (Capstone Project SJCC)

2024

- Designed automated workflows to categorize products and compute revenue contribution per category.
- Delivered insights by integrating Excel + Tableau visualizations into a repeatable reporting process.

### Retail Sale ETL Pipeline

2025

- Built a complete ETL pipeline in Python to process retail sales data, transforming raw CSVs into analytical tables and marts using pandas and SQLite.
- Developed modular scripts (extract, transform, load) with environment-based configuration and tested using pytest.