Jonathan Papir

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SUMMARY

Data analyst and math teacher with a penchant for communicating complex ideas to technical and non-technical audiences. Skilled in creating visually appealing dashboards, automating reporting, and driving insights by leveraging my strong analytical and technical skills in SQL, Python, Tableau, and R.

EXPERIENCE

Analytics Accelerator
Remote

Data Analyst
January 2024 - Present

Selected for a competitive data analytics program (<20% acceptance rate) that solves real-world business problems in distributed three- to six-person teams. Developed recommendations toward sales, marketing, and operations stakeholders using industry best practices for documentation, delivering insights, and structuring code and analysis.

- **Analyzed 108k e-commerce transactions using Excel, SQL, and Tableau to surface insights on sales growth, product trends, and loyalty program efficacy**. Identified two products with refund rates twice the 5% average, and loyalty customer orders are now ~$30 more, first surpassing regular customers in 2021. Proposed changes to expand the loyalty program and minimize revenue loss from refunds [full report 🔗].
- **Built two Tableau dashboards and wrote SQL queries to evaluate the impact of 12 health insurance ad campaigns** on ~17k signups and ~50k patient claims. Offered budget allocation advice for future campaigns based on click-through rate, cost per click, average claim amount, and other metrics [full report 🔗].
- **Utilized SQL to clean user gaming data and Python's Pandas and Matplotlib to conduct regional and seasonal analysis**. Discovered Mexico comprises 78% of player activity but only 22% of users, and activity peaks between 4-6 pm during spring/summer and 6-8 pm during fall/winter. Provided recommendations for timing ad campaigns and targeting specific demographics [full report 🔗].

Fusion Academy
Los Gatos, CA

Math Teacher
September 2016 - Present

- Monitor Salesforce data for trends in assignment scores, completion times, and attendance to identify those needing educational intervention and ensure their learning targets are met or exceeded.
- Analyze daily class summaries housed in Salesforce for 3-5 students annually to lead quarterly departmental meetings that establish alignment across teaching teams and communicate progress toward student goals.
- Test and measure the effect of changes in teaching methodology on student performance to address curriculum inefficiencies, which cut instructional time by ~30% for two classes.

Underground Communications (UGC)
San Jose, CA

Reporting Analyst
September 2011 - September 2016

- Collaborated with the CEO to refine requirements for reports containing response times, lead counts, and other informational lead KPIs to benchmark our service against competitors and inform market expansion decisions.
- Developed weekly and monthly Excel reports describing the distribution of lead types across 30+ service regions, which aided upper management in optimizing their resource allocation.
- Supported the sales team in marketing to new clients through ad hoc requests for informational leads segmented by type of damage, property value, geography, time of day, and other factors.

EDUCATION

Georgia Institute of Technology

Master of Science, Analytics
Expected June 2026

San Jose State University

Bachelor of Science, Business Administration - International Business
May 2011

SKILLS & MISCELLANEOUS

Skills: Python, SQL, R, Tableau, Excel, Google Cloud Platform, Airflow, Google BigQuery, Docker, DBT, Git