Davis Rapp

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Summary

Data Analyst with 3+ years of experience building dashboards, ad-hoc reports, and automation tools for operations teams. Skilled in SQL, Tableau, Excel, and Python with a background in healthcare that built strong documentation habits and cross-functional communication skills.

Work Experience

DryWorx **Sept 2022 – Present**
Data Analyst *Charlotte, NC*

- Design and maintain Tableau and Excel dashboards for leadership to monitor revenue, track operational KPIs, and support scheduling and resource allocation decisions.
- Deliver 10+ ad-hoc analyses per week using SQL and Python to answer business questions on service profitability, job delays, and performance against targets.
- Built Python ETL pipeline integrating with Jobber CRM API to clean, organize, and prepare data for reporting across 200+ monthly projects.
- Work cross-functionally with operations team to define metrics, identify reporting needs, and deliver custom analytics solutions.
- Automated data entry and status update workflows, eliminating 20+ hours per month of manual work and reducing reporting errors.

Broad River Rehab **Feb 2020 – Sept 2022**
Physical Therapist Assistant *Charlotte, NC*

- Tracked patient outcomes using metrics like range of motion, pain scores, and mobility to support treatment planning and measure progress over time.
- Maintained electronic health records for 1,000+ patients with full documentation compliance.

Projects

Job Market Analysis GitHub

- Analyzed 2,250+ job postings using Python to extract skill mentions and identify hiring trends, salary patterns, and experience levels.
- Applied k-means clustering to group roles by skill mix, seniority level, and location, revealing distinct market segments.
- Published interactive Tableau dashboard on Tableau Public allowing users to filter by region and seniority level.

Auto Insurance Fraud Detection GitHub

- Built classification model in Python to flag potentially fraudulent claims from dataset of 15,000+ records.
- Achieved 61% recall and 0.67 ROC-AUC with estimated $98K annual savings from earlier fraud detection.

Sales Performance Dashboard GitHub

- Built Excel dashboard using Power Query for data cleaning and pivot tables for analysis. Added slicers and charts for interactive filtering.

Education

Western Governors University **2024**
Bachelor of Science in Data Analytics

Skills & Certifications

Technical: SQL (MySQL, PostgreSQL), Tableau, Microsoft Excel, Python (pandas, NumPy, scikit-learn), Power BI, Statistical Analysis, Data Visualization, Ad-Hoc Reporting
Certifications: CompTIA Data+, CompTIA Project+, AWS Certified Cloud Practitioner