

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 ad-hoc analyses using SQL and Python to answer business questions on service profitability, job delays, and performance against targets.
- Built Python ETL pipeline integrating with 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