

Benjamin C. DeRaps

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SUMMARY Motivated and detail-oriented data analyst with hands-on experience in Excel, SQL, tableau, power BI and epic related data tools. Recently completed a rigorous data analytics program focused on transforming raw data into clear, actionable insights. Skilled in querying databases, building dashboards, and solving real world problems through structured analysis. Aligned with JPS Health Network mission to provide compassionate, high quality care. Eager to contribute technical skills, a learner's mindset, a strong work ethic, and strong sense of community to a team that values integrity, service, and patient centered innovation.

SKILLS Advanced Spreadsheet Analysis | Google Sheets | Excel | Power Query | SQL | PostgreSQL | Data Cleaning & Transformation | Statistical Analysis | Database Management | Data Visualization | Tableau | Power BI | Python |

TECH PROJECTS

Zomato Customer Segment Analysis | 07/2025

Analyzed customer demographics and restaurant performance using Excel and Tableau to identify high-value customer segments, resulting in actionable marketing strategies for targeted promotions. Built interactive dashboards with advanced filtering to visualize customer behavior patterns across multiple demographic variables.

Live Link: [<https://public.tableau.com/ZomatosCustomerSegmentationAnalysis>]

NYC Airbnb Revenue Analysis | 04/2025

Analyzed Manhattan Airbnb listings using Excel pivot tables and data visualization to identify top-performing neighborhoods and property types, projecting revenue potential exceeding \$350K annually for high-demand listings. Delivered strategic recommendations for optimizing vacation rental investments in high-revenue markets.

Live Link: [[📄 Copy of nyc_airbnb_data_v2](#)]

Superstore Profit Optimization Dashboard | 05/2025

Developed a comprehensive Tableau dashboard analyzing sales, returns, and advertising ROI to identify profit drivers and reduce return losses, providing data-driven recommendations for product discontinuation and targeted advertising strategies. Created interactive visualizations with color-coded performance metrics for executive stakeholder presentations.

Live Link: [<https://public.tableau.com/SaveTheSuperStoreAnalysis>]

EXPERIENCE

Texas Instruments | Machine Operator | 08/22 - 03/25 | Sherman TX

A Global leader in semiconductor & analog Technology, serving industries from automotive to industrial automation.

- **Operated precision semiconductor machinery and maintained optimal workflow, contributing to the consistent production of flawless wafers, containing hundreds of computer chips which generated daily revenue reaching several million. Maintained a steady 98% uptime rate.**
- **Calibrated and monitored mask room equipment to ensure accuracy and quality for critical chip printing processes, reducing print errors by 30% and increasing both production and production efficiency.**
- **Collaborated with cross-functional teams to organize, label, and transport wafers according to production schedules, helping meet strict deadlines across multiple shift handoffs. Organized and tracked wafer lots by Machine ID as well as by each unique product ID and operations stage, improving order accuracy and lot completion speed across shifts by 30%.**

EDUCATION

Triple 10 Bootcamp | Business Intelligence Analytics Certification | 12/24 - 07/25

Completed an intensive, project based program, developing skills in SQL, Excel, tableau, power BI, and Python. Diligently gained the expert practical skills and project-based experience required to confidently address real-world data challenges, connecting theoretical knowledge with practical application in the business intelligence field.