CRAIG T. CHOSNEY

Data Analytics Professional
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Data Analytics Professional with expertise in leveraging data visualization, statistical analysis, and machine learning to solve complex business challenges. Proven ability to translate data into actionable insights and support data-driven decision-making. Adept at data modeling, reporting, and communicating findings to diverse audiences.

TECHNICAL SKILLS

Data Visualization: Tableau, PowerBI, R Studio (ggplot2), Matplotlib
Programming: Python, SQL, R, STATA, C++
Modeling: Linear Regression, Logistic Regression, Machine Learning

PROFESSIONAL EXPERIENCE

Data Analytics Consultant
Mathchops, Remote • 01/2025 - Current
- Designed and optimized SQL queries to analyze student performance trends, providing insights for targeted tutoring strategies and achieving a 25% increase in student proficiency.
- Developed SQL-driven dashboards to track user progression, identifying that 35% of standard signups converted into high-value tutors, informing data-driven growth strategies.

Data Analyst
Confidential Cultural Institutions, New York, NY • 09/2022 - 12/2024
- Collaborated with HR leaders to streamline EEO reporting and HRIS analytics, improving data accuracy and compliance.
- Conducted predictive analytics using Python and R to identify compensation trends, leading to actionable insights for strategic planning.

Business Operations Analyst & Team Lead
Freemans / Alley Management, New York, NY • Aug 2012 - Dec 2024
- Analyzed sales, labor, and customer flow data to identify operational inefficiencies and inform decisions that improved cost control and staffing alignment.
- Managed and coached a 10+ person team, applying data-driven insights to optimize workflows, improve service consistency, and meet performance targets.

EDUCATION

CUNY Graduate Center, New York, NY • 12/2024, Summa cum laude
Master of Science, Quantitative Methods and Computer Science; **Advanced Certificate**, Data Science

NYU Tandon School of Engineering, New York, NY • 05/2022
Bachelor's Certificate in Computer Science

Denison University, Granville, OH • 05/2005, Magna cum laude
Bachelor of Arts, Sociology and Geology