

Beckett Dumo

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OBJECTIVE STATEMENT

Data Analyst skilled in Python, SQL, and BI tools, transforming complex data into actionable insights through dashboards, statistical analysis, and data visualization.

EDUCATION

University of Colorado Boulder | Bachelor of Science in Information Science August 2021 - May 2025

- Minor in Business
- Major GPA: 3.7
- CMCI Dean's List 2023 | 2025

AI & DATA ANALYSIS PROJECTS

Cardiovascular Risk Analysis

Analyzed U.S. Census and health data to assess heart disease risk from fast food and smoking. Found fast food increased risk by up to 200%. Followed Agile methodology to iteratively refine data pipelines using Pandas and GeoJSONs, and mapped risk zones in ArcGIS.

Chicago Safety School Analysis

Investigated correlations between crime data and student safety perceptions across districts. Found education quality strongly aligned with both perceived and actual safety. Worked in Agile sprints to build ETL pipelines and deliver Tableau and Power BI dashboards.

Colorado Traffic Safety Analysis

Merged Boulder County Crash data over multiple decades to isolate top accident causes. Identified distracted driving as the leading factor. Conducted trend analysis and created visuals using Altair, Matplotlib, Seaborn, and Plotly.

Automated Traffic Light Analysis Classifier Study

Built a traffic light classifier using a multilayer perceptron and then logistic regression, both achieving high confidence test accuracy. Designed an ETL pipeline for image preprocessing and added a scoring system to measure how closely test data matched training distributions.

SKILLS

Languages, Tools, Libraries & Frameworks

Python, SQL, MySQL, Excel, Tableau, Power BI, XML, JSON, Microsoft Office Suite, Git, REST APIs, SSRS, VBA, Pandas, NumPy, Scikit-learn, Seaborn, Matplotlib, Altair, Plotly, TensorFlow, Keras, PyTorch, Agile, Notion

Data Analytics & Engineering

Data Cleaning, Data Wrangling, Data Modeling, ETL Pipelines, Feature Engineering, A/B Testing, Statistical Analysis, Forecasting, Optimization, KPI Tracking, Dashboards

Professional Skills

Analytical Thinking, Problem Solving, Strategic Communication, Cross-Functional Collaboration, Stakeholder Management, Initiative, Attention to Detail, Time Management, Adaptability, Ownership, Organization

EXPERIENCE

Whole Foods Team Member | Boulder, CO

Produce Team June 2024 - August 2024 Grocery Team August 2023 - December 2023

Unloaded and organized **100%** of the produce truck loads. Efficiently managed simultaneous high-demand customer requests. Demonstrated adaptability and collaboration under fast-paced, customer-facing environments while reinforcing data discipline by tracking inventory.