

ADAM KUTRIK

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SUMMARY

Recent Computer Science and Exercise Science graduate seeking an entry-level data analyst or data science role. Skilled in Python, SQL, and Excel with hands-on experience in data cleaning, regression modeling, and visualization. Pursuing IBM Data Science Professional Certificate (Coursera) and actively building a project portfolio in sports analytics and predictive modeling.

TECHNICAL SKILLS

Languages & Tools: Python (pandas, NumPy, scikit-learn, Matplotlib), SQL, Excel, Google Sheets / Data Studio, Jupyter Notebook, Git / GitHub, VS Code, Linux

Competencies: EDA, Data Cleaning & Preparation, Feature Engineering, Regression Modeling (MAE/RMSE), Data Visualization, Relational Database Design

PROJECTS

MLB Pitching Performance Analysis — Baltimore Orioles (In Progress) | *Python, pandas, Matplotlib*

- Question: Do individual pitching metrics — spin rate, velocity, and pitch mix — meaningfully predict overall pitcher efficiency, or are outcomes driven by factors beyond the pitcher's control?
- Sourced and cleaned a full season of Baltimore Orioles pitching data; resolved inconsistencies across pitcher records and engineered a structured, analysis-ready dataset to support upcoming correlation analysis between individual metrics and overall efficiency.

Competition Total Prediction — Powerlifting Regression Model | *Python, pandas, scikit-learn, Matplotlib*

- Question: Can bodyweight and time between competitions reliably predict an athlete's future competition total — and if so, how much do these variables actually matter?
- Built baseline and linear regression models using historical meet data; engineered bodyweight and time-based features and evaluated model accuracy with MAE and RMSE.
- Findings showed that neither bodyweight nor time between meets meaningfully correlated with future totals — a result that drove deeper thinking about what variables actually drive competitive performance.

Strength Training Performance Dashboard | *Excel*

- Built a multi-sheet dashboard to track volume, intensity, and strength progression over time — turning a raw training log into a tool for identifying plateaus and informing programming decisions.

Student Information System — Relational Database | *SQL*

- Designed a normalized relational database for student records and scheduling; wrote queries using joins, filters, and aggregations with a basic UI for non-technical users.

EDUCATION

B.S. Computer Science & B.S. Exercise Science — Towson University

December 2025

Relevant Coursework: Database Systems, Calculus-Based Statistics, Linear Algebra, Systems Programming

IBM Data Science Professional Certificate (In Progress)

Coursera

WORK EXPERIENCE

Server | Sake Japanese Steakhouse, Cockeysville MD

Nov 2025 — Present

- Maintained accuracy and professionalism managing high-volume table service in a fast-paced environment.

Manager on Duty | Merritt Clubs, Cockeysville MD

May 2021 — Jan 2023

- Led front desk operations and staff coordination across shifts; resolved member concerns and streamlined daily workflows.