Connor **Adams**

Data Scientist | Mathematician

—— Professional Goals ——

Seeking a Data Scientist role where I can leverage my expertise in developing advanced statistical and machine learning models, designing robust data pipelines, and implementing data security policies.

—— Get in Touch ——

Click on contact info to make getting in touch easier.

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—— Professional Skills ——

Regression Analysis | Machine Learning

DML | DDL | TCL | MySQL

SSMS | MongoDB

Data Visualization | Data Sourcing

Data Cleansing | Cloud Computing

—— </> Languages & Tools ——

- Python - *Expert*
- Azure - *Adv.*
- Rust - *Inter.*
- AWS - *Inter.*
- Matlab - *Adv.*
- GCP - *Inter.*
- R - *Adv.*
- HTML - *Inter.*
- SQL - *Adv.*
- CSS - *Inter.*
- Excel - *Adv.*
- JS - *Inter.*
- Domo - *Adv.*
- Latex - *Expert*
- Power BI - *Inter.*

—— Packages & Libraries ——

Pandas | Polars | NumPy | PyTorch

Tensoflow | Scikit-Learn | Tidyverse

Caret | mlr3 | Seaborn

—— Skills & Strengths ——

Problem Solving | Adaptability

Leadership | Creativity | Research

Written & Verbal Communication

Teamwork | Critical Thinking

🎓 EDUCATION

2020 → 2022	**Master's Degree**	📍 Pomona, California

Cal Poly Pomona
GPA: 3.75
Applied Mathematics
Thesis Title: *ALASKAN BROWN BEARS AND PACIFIC SALMON FACE THE EFFECTS OF GLOBAL WARMING*

2016 → 2020	**Bachelor's Degree**	📍 Pomona, California

Cal Poly Pomona
GPA: 3.10
Applied Mathematics

💼 WORK EXPERIENCE

Apr. 2024 → Present	**BI Automation & ML Lead**	📍 Marysville, Washington

Temco Logistics
Led projects that involved creating and utilizing machine learning models to provide stakeholders insights when making strategic business decisions. Implemented security procedures that provided additional protection for sensitive data. Established and implemented standards for data storage, ETL automation, and data governance that reduced redundant costs, improved query speeds, and enhanced personal data protection.

Mar. 2023 → Mar. 2024	**BI Developer**	📍 Pomona, California

Temco Logistics
Designed dashboards using advanced data visualization platforms that provided stakeholders with data-driven insight to guide strategic business decisions. Migrated local legacy processes to the cloud such as databases, automated tasks, and applications improving reliability, security, accessibility, scalability, and reducing manpower. Created statistical processes and models to detect data corruption, remove personal information, and forecast company trends

2020 → 2023	**Graduate Teaching Associate**	📍 Pomona, California

Cal Poly Pomona
College-level instructor that led courses in a variety of topics including probability, statistical modeling, analytical problem-solving, mathematical modeling, and solving systems of linear and nonlinear equations. Demonstrated a collaborative spirit by working with a team of college professors to improve students' understanding through the design and implementation of effective teaching methods.

📖 PROJECTS - VIEW MORE PROJECTS AT **ConnorAdams.io**

Apr. → May 2022	**Predict Titanic Survival**	📍 Chino Hills, California

Kaggle Competition
Constructed a machine learning model using random forest, linear regression, lasso regularization, and k-fold cross-validation to predict if a passenger on the RMS Titanic survived the sinking of the ship.

Mar. → Apr. 2022	**Predict Taiwan Property Sales**	📍 Pomona, California

CPP Competition
Implemented a machine learning model to predict resident property prices in Taiwan given data about previously sold properties. Applied LASSO and RIDGE regression to minimize RMSE while applying a root transformation on the response variable.

Feb. → Mar. 2022	**Mandatory Mask Mandate**	📍 Pomona, California

Statistic Consultant
Organized a strategic method for collecting a sample that answers the client's question, "Is Cal Poly Pomona meeting the mandatory mask mandate in the library." Used hypothesis testing to see if Cal Poly Pomona follows the mask mandate.