Samantha Ally Morello

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EDUCATION

Arizona State University   Tempe, Arizona

Bachelor of Science in Data Science - Mathematics   Jan 2023 - May 2025

GPA: 3.8 Summa Cum Laude

Relevant Coursework: Machine Learning, Applied Regression and Statistical Modeling, Probability and Statistics, Data Manipulation and Visualization, Programming for Data Science (Python, R), Advanced Mathematics - Mathematical Structures, Differential Equations, Linear Algebra

Mesa Community College   Mesa, Arizona

Associates of Science   Aug 2020 - Dec 2022

Relevant Coursework: Advanced Mathematics - Calculus I, II, III, Introduction to Programming (Python, Java)

TECHNICAL SKILLS

Languages: Python | R | SAS | SQL (Beginner)

Libraries & Frameworks: Numpy | Pandas | Matplotlib | Plotly | Seaborn

Tools & Platforms: Jupyter Notebook | Github | Google Colab

Skills: Data Analysis | Data Visualization | Machine Learning | Exploratory Data Analysis | Predictive Modeling | Feature Engineering | Model Evaluation

ACADEMIC PROJECTS

Optimizing Coffee Shop Sales with Predictive Modeling   *Fall 2024, Data Science Capstone*

Project Highlights: Python | Sales Forecasting | Decision Tree | Random Forest | Feature Engineering | Data Visualization | Data Wrangling | Interactive Tool Development | Business Reporting | Strategic Insights

NBA Player Classification with Machine Learning   *Spring 2024, Machine Learning in Data Science*

Project Highlights: Python | Sports Analytics | Naive Bayes | Decision Tree | Random Forest | SMOTE Balancing | Feature Selection | Model Evaluation | Data Visualization

Team Wins for Chicago Cubs with Multiple Regression   *Spring 2024, Applied Regression*

Project Highlights: SAS | Regression Modeling | Statistical Testing | Exploratory Data Analysis | Model Evaluation

PROFESSIONAL PORTFOLIO

Cycle Tracking & Temperature Analysis Using Personal Health Data   *Spring 2025, Personal Project*

Project Highlights: Python | SQL | PostgreSQL | SQLAlchemy | Exploratory Data Analysis | Data Visualization | Time Series Trends | Personal Health Analytics