

Ayaan Omair

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EDUCATION

Bachelors, Mathematics (Statistics); Psychology minor

May 2024

Arizona State University, Tempe, AZ

3.86 GPA

Dean's List (Fall 2020, Spring 2021, Fall 2021, Fall 2022, Spring 2023, Fall 2023)

CERTIFICATES

- SQL and Python Specialist (*Arizona State University 2023*)
- Web Development with HTML, CSS, and Bootstrap (*Arizona State University 2022*)
- The Global Tech Experience - Intercultural Skills (*Arizona State University 2022*)

TECHNICAL SKILLS

Proficient Languages:

- **Python, SQL, R, SAS, Java, Linux, JavaScript, HTML, CSS, Bash, MATLAB**

Developmental Tools:

- **LaTeX, Jupyter, Alteryx, Tableau, Pandas, NumPy, Eclipse, PowerPoint, Excel, Word, Bootstrap**

Relevant Coursework:

- Principles of Programming, Object-Oriented Programming, and data structures, Web development with JavaScript and APIs, Introduction to Web Design with HTML and CSS, Scientific Computing, Applied Linear Regression, Mathematical Statistics, Differential Equations, **Data Wrangling with SQL, Data Analysis with Python, Exploring Data in R and Python**

RELEVANT EXPERIENCE

SQL and Python Trainee - Global Tech Experience

May 2023- July 2023

- Used **SQL** queries to extract and analyze different datasets
- Analyzed and visualized data findings using Jupyter Notebook and **Python**
- Gained knowledge of global business strategies by performing exploratory data analysis, data visualizations, and data cleaning
- Collaborated with a global team to perform different tasks using SQL and Python
- Gained experience using Python and SQL by creating various personal and professional projects

PROJECTS

Traffic Collisions in California Analysis

June 2023

- Conducted data analysis using **SQL** to determine the leading causes of accidents in the State of California while using real-time data from the California Highway Patrol's Statewide Integrated Traffic Records System (SWITRS)
- Visualized and communicated the results using **Tableau** to portray a trend in the data regarding which time of day was responsible for the most collisions and how many accidents were caused by inattention (texting while driving) versus the number of accidents caused by intoxication (DUI)

Grammy Awards Project

July 2023

- Utilized **Python** to perform data analysis and visualization of real website data used by the Recording Academy
- Examined the impact of splitting up a website into two separate websites (grammy.com and recordingacademy.com) by analyzing different variables (number of visitors per day, average session time, user interaction)
- Analyzed the data for a better understanding of the different trends and audience behavior on both sites

Prediction Model for team wins (MLB)

Spring 2023

- Utilized **SAS** to create the best 2-variable and 3-variable regression model to predict the number of wins for the Toronto Blue Jays
- The best two-variable model to predict the number of team wins included the number of hits and the batting average as the independent variables
- The best three-variable model to predict the number of wins for the Toronto Blue Jays included the number of hits, batting average, and RBI as the independent variables

PROFESSIONAL EXPERIENCE

Sports Data Operator

May 2023 – Present

SportRadar

- Watch major sporting events and record events in real-time using a mobile app for statistic gathering.
- Attend live sporting events
- Remain knowledgeable of the rules of the sport and the teams/players involved

Delivery Driver

May 2021 – August 2021

Papa John's

Chandler, AZ

- Delivered pizza to customers and achieved customer satisfaction by earning a 4.2 / 5.0 customer rating
- Communicated with customers and employees to meet the customers' needs