

# **Antonio James Manso Costello**

+31 6 42 55 48 32 | ajmanso2004@gmail.com | UU Student number: 7666098

## **Education**

**San José State University (SJSU)**

**San Jose, California**

**BSc Information Science & Data Analytics**

**Expected May 2026**

- GPA: 3.661/4.0
- Relevant Courses:
  - + ISDA-140 Big Data Analytics Management + ISDA-141 Information Visualization
  - + ISDA-20A Query Languages + ISDA-111 Information/Data Science + ISDA-20B Python Programming
  - + ISDA-20D Computer Operating Systems + MATH-15 Statway: Statistics

## **Academic Projects & Training**

**Spotify Streaming Data Analysis - Python (pandas, matplotlib):**

**GitHub:**

<https://github.com/ajmanso4/Spotify-DataAnalysis-Top-50-Songs-2023.git>

- Built reproducible analysis workflow including preprocessing, statistical evaluation, and visualization (Jupyter, pandas, matplotlib)
- Analyzed ranked dataset and assessed limitations of subset-based inference
- Derived comparative metrics and identified outliers using statistical criteria

**SQL Data Analysis and Querying – Relational Databases:**

**GitHub:**

<https://github.com/ajmanso4/Query-Languages-Assignments.git>

<https://github.com/ajmanso4/Yelp-Dataset-SQL-Analysis.git>

- Queried and aggregated multi-table relational dataset and verified integrity constraints (SQL)
- Computed descriptive statistics and interpreted behavioral patterns in structured data

**Visualization Critique – Graphic Data Interpretation:**

**GitHub:**

<https://github.com/ajmanso4/Visualization-Critique.git>

- Identified proportional distortion and ambiguous labeling of a visualization
- Specified corrective encoding and design changes to ensure accurate interpretation

**SQL for Data Science UC Davis (Coursera)**

**GitHub:**

<https://github.com/ajmanso4/SQL-for-Data-Science-UC-Davis-Coursera---Course-Certificate.git>

- My certificate of completion

## **Analytical Competencies**

- Perform data preprocessing and validation to ensure dataset consistency and usability
- Interpret statistical results and communicate uncertainty and limitations of findings
- Construct relational queries and aggregations to examine structured datasets
- Evaluate visualizations for accuracy, clarity, and appropriate encoding information
- Identify bias, sampling constraints, and scope limitations in datasets

## **Languages**

+ English (native) + Spanish (fluent)

## **Interests**

Geopolitics, baking, cooking, football, cats