

Bryan Herrera

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Summary

Computer Science graduate with a strong background in Python and using various databases like SQL Server and MongoDB. Knowledgeable in using the data analysis libraries NumPy, Pandas, Scikit-Learn, and the data visualization programs Power BI and Tableau. Constantly learning new skills, programs, and technologies in the industry.

Education

University of the Pacific, Stockton, CA

May 2023

Bachelor of Science, Major in Computer Science

Relevant Courses: Database Management Systems, Design/Analysis of Algorithms, Data Structures, Computer Simulation, Programming Languages

Skills

- Languages: Python, SQL, R, DAX, HTML, CSS, Java, C, C++
- Software: Power BI, Tableau, Excel, Microsoft SQL Server, R-Studio
- Libraries: Pandas, Matplotlib, NumPy, Seaborn, Scikit-Learn
- Project Control: GitHub, Bitbucket, Jira, Google Drive
- Adaptable and able to learn new skills and software quickly
- Strong interpersonal communication and collaboration skills
- Capable of working in tight timeframes, and high stress environments

Project Experience

Amazon Products Insight

April 2024

- Analyzed Amazon product sales for the month of December to find best-selling items
- Cleaned and merged data in Python using the libraries Pandas and NumPy
- Explored data to find hidden trends between variables, and research revenue of categories and items listed as “Best Sellers”
- Ranked categories and items based on revenue using Matplotlib, and Seaborn
- Visualized most prominent findings in a dashboard using Microsoft Power BI

Films Data Analysis

January 2024

- Analyzed film industry’s data to find correlation between various variables
- Cleaned data in Python using the data manipulation libraries Pandas and NumPy
- Evaluated data to find correlation using the data visualization library Matplotlib
- Visualized findings in a dashboard using Microsoft Power BI for ease of presentation

Personal Website & Portfolio: <https://bryanherrera19.github.io/Portfolio/>