

Joaquin Monque

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SUMMARY

Detail-oriented and highly disciplined recent Information Science graduate (B.S., University of South Florida) equipped with foundational AWS Cloud skills (validated by AWS Certified Cloud Practitioner) and proficiency in data analysis (R, Tableau). Proven leader and exceptional team player with a relentless work ethic, honed through 4 years of NCAA Division I baseball (Conference Champion, Regional Champion, Super Regional appearance) and professional competition. Eager to apply technical aptitude, analytical skills, and unparalleled dedication to performance and reliability in an entry-level Cloud Support, Cloud Operations, or Cloud Security role.

EDUCATION

University of South Florida, Tampa, FL — *Bachelor of Science in Information Science*

June 2020 - May 2024

Relevant Coursework: Data Structures & Algorithms, Database Systems, Information Security, Statistics for IT, Data Science Fundamentals, Systems Analysis, Web Technologies.

PROJECTS

MLB Exit Velocity & Home Run Distance Correlation Analysis — *Academic Project - Link:*

joaquinmonqueusf.wordpress.com/2023/11/27/final-project/

- Led end-to-end data analysis of MLB player performance metrics (Kaggle dataset) to validate physics-based hypothesis connecting bat speed (exit velocity) to home run distance
- Engineered data pipeline handling missing values through mean imputation in R, ensuring dataset integrity for 200+ player records
- Performed statistical correlation testing using Pearson's coefficient ($r=0.461$, $p<2.2e-16$), confirming significant positive relationship between exit velocity and HR distance
- Developed Tableau visualizations including distribution histograms and scatter plots with regression lines to demonstrate 46.1% correlation strength
- Translated technical findings into strategic insights for player evaluation, proving exit velocity as key predictor of power-hitting capability
- Presented methodology and conclusions demonstrating how data-driven approaches can optimize scouting and player development decisions

SKILLS

Cloud Technologies:

AWS EC2, S3, IAM, Lambda, VPC, CloudWatch

Programming

Languages: R, C++

Data Analysis &

Visualization: Tableau, Correlation Testing, Mean Imputation

Soft Skills: Team

Strategy Execution, Reliability, Communication

AWARDS

Buster Posey Award Watchlist (Top 5% NCAA Catchers)

3x Honor Roll

Conference Academic Team

Certification: AWS Certified Cloud Practitioner

LANGUAGES

English, Spanish