

José Antonio Castillo Armas

Mathematician & Data Scientist

I'm a mathematician specialized in statistics working as a data scientist looking to solve real life problems using data manipulation techniques, machine learning algorithms and statistical analysis. I'm a person who is always willing to learn and seek to improve my skills to be in constant growth and professional development.

Experienced in cleaning and visualization of data, statistics, creation of web applications in R shiny, machine learning algorithms, web scraping, text mining and data analysis.

PROFESSIONAL EXPERIENCE

Ernst & Young Panamá S.A. | Data Scientist

Oct. 2020 – Jul. 2021

- Applied machine learning's algorithms to optimize pricing strategies.
- Performed statistical analysis, data cleaning, data manipulation, data visualization.
- Data quality management.
- Managed the implementation of A/B tests.

UNDP | Internships

Oct. 2019 – Apr. 2020

- Applied text mining in R and Python.
- Big Data.
- Sentiment analysis.

Synergy Vision | Data Scientist

Sept. 2018 - Apr. 2019

- Developed web applications in R Shiny.
- Created probability and statistical content using Rmarkdown.

EDUCATION

MASTER'S DEGREE, RANDOM MODELS / CENTRAL UNIVERSITY OF VENEZUELA

Oct. 2018- Present.

BACHELOR'S DEGREE, MATHEMATICS / CENTRAL UNIVERSITY OF VENEZUELA

Oct. 2011- Jul. 2018

LICENSES & CERTIFICATIONS

- **Introduction to Big Data.** Coursera. September 2020.
- **Applied Data Science with Python - Specialization.** Coursera. September 2020.
- **Getting and Cleaning Data.** Coursera. November 2019.
- **Python for Everybody - Specialization.** Coursera. August 2019.
- **R Programming.** Coursera. October 2017.
- **The Data Scientist's Toolbox.** Coursera. August 2017.



CONTACT

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SKILLS

- Excel
- Word
- R
- Python
- MATLAB
- LaTeX
- SQL
- Azure

COMPETENCES

- ✓ Data analysis.
- ✓ Data visualization.
- ✓ Machine learning.
- ✓ Big Data.
- ✓ Statistics y Probabilities.
- ✓ Teamwork.
- ✓ Problem-solving.

For more information, please visit:

ja-castillo25.github.io

LANGUAGES

English : Advanced.

Spanish : Native.