



**JOSE VILLAMOR**  
Data Scientist | Engineer

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**Languages**

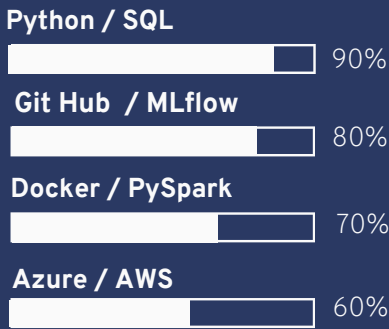


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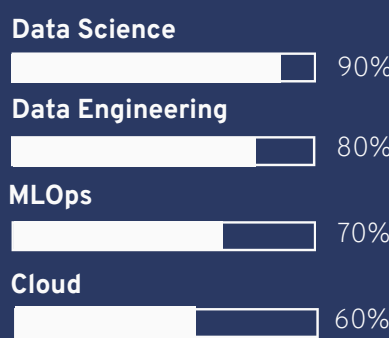


B1

**Tools**



**Expertize**



**Hobbies**



**About me**

An enthusiastic and innovative Data Scientist / Engineer with a passion for AI, Data and Tech. With experience executing Data Science, Data Management and Development solutions. Consistently demonstrating the ability to attain critical objectives while maintaining curiosity and drive.

**Personal Website**

**Work experience**

**Data Scientist/Engineer – World Trade Organization** 10/2021 – Present

**Tools used:** Python · SQL · Git Hub · Azure · MLflow · Docker · PySpark

- Responsibilities:**
- Conduct end-to-end Machine Learning and NLP projects.
  - Perform Big Data processing, analysis, and Machine Learning modeling.
  - Create ETL pipelines for data received by members.
  - Support the development of in-house automation and data dissemination web tools.

- Achievements:**
- Implemented a system to transpose HS national codes using embeddings.
  - Developed a deep learning model to predict imports of goods and port congestion.
  - Created a Python library to process import data.

**Data Scientist – PwC Malta** 01/2020 - 09/2021

**Tools used:** Python · SQL · Git Hub · AWS · MLflow · Docker · Alteryx

- Responsibilities:**
- Implementation of Data Science modeling of real estate and financial data.
  - Perform NLP projects for legal documents and social media.
  - Development of automation and scraping tools.
  - Mentor newcomers and interns in ML practices and new technologies.

- Achievements:**
- Responsible for the end-to-end project of Malta's real estate ML project.
  - Created an app that provided NLP insights into companies mandatory docs.
  - Led the development of a VAT automation tool using VBA and Alteryx.

**Data Analyst – Transcom** 11/2018 - 12/2019

**Tool used:** Python · SQL · Git Hub · Tableau · Excel

- Responsibilities:**
- Prepare KPI dashboards on product and agent performance.
  - Perform root cause analysis regarding customer behavior.
  - Collect, clean, and ingest data into databases for analysis, reports, and modeling.
  - Develop Data Science models to increase efficiency and obtain insights.

- Achievements:**
- Introduced automation of several ETL processes.
  - Responsible for the first ML models implemented that reduced time to objectives.
  - Provided guidance on Machine Learning and new technologies to colleagues.

**Education**

**MBA International business – ICEX** 10/2017 - 09/2018

**Main field of study:** International markets, logistics, strategy, tenders, directive skills and project management.

**Degree in Finance and Accounting – UC3M** 10/2011 - 06/2015

**Main field of study:** Financial markets, instruments, accounting principles, audit, corporate finance and commercial law.