



JOSE VILLAMOR
Data Scientist | Engineer

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Languages

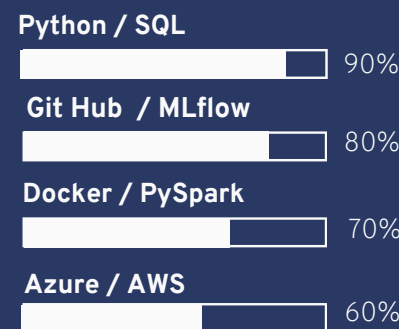


C2

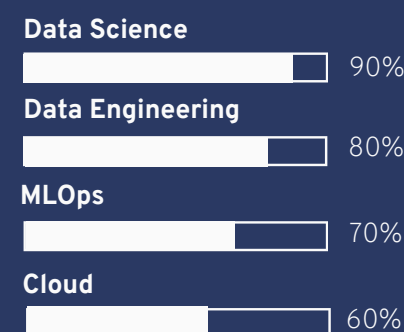


B1

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 modelling.
- Create ETL pipelines of data received by members.
- Support development of in-house automation and data dissemination web tools.

Achievements:

- Implement system to transpose HS national codes using embeddings.
- Develop of deep learning model to predict imports of goods and port congestion.
- Creation of a Python library to process imports data.

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

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

Responsibilities:

- Implementation of Data Science modelling of real state and financial data.
- Perform NLP projects for legal documents and social media.
- Development of automation and scrapping tools.
- Mentor new comers and interns in ML practices and new technologies.

Achievements:

- Responsible of end-to-end project of Malta's real state Machine Learning project.
- Created app that provided NLP insights of companies mandatory documentation.
- Lead the development of VAT automation tool using VBA and Alteryx.

Data Analyst – Transcom 11/2018 - 12/2019

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

Responsibilities:

- Prepare KPIs' dashboards on products and agents performance.
- Perform root cause analysis regarding customers behaviour.
- Collect, clean and ingest data into databases for analysis, reports and modelling.
- Develop Data Science models to increase efficiency and obtain insights.

Achievements:

- Introduce automation of several ETL processes.
- Responsible of first ML models implemented that reduced time to objective.
- Provided guidance of 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.