Marco Ramos

Data Scientist

Profile

I'm resourceful professional with a natural attitude to developing solutions for complex problems trough selection, interpretation and manipulation of the available data bringing high-quality business intelligence solutions to businesses seeking higher efficiency

Work

Data Scientist / Digital Transformation Specialist

07/2020 - present   *Comercial Business Unit @ Galp*

- Help formulate a digital vision by working with interdepartmental teams and all relevant stakeholders to drive the implementation of digital capacity within the organization.
- Work with internal clients to understand the requirements of the business and lead the development of statistical reports and visualizations in Power BI, defining data rules for and KPIs for performance metrics.
- Apply BI tools and data analysis techniques to develop, test and validate hypotheses to provide practical ideas and recommendations for the business.
- Perform data mining using basket analysis to provide a better understanding of the retail customers purchasing patterns.
- Provide customer segmentation models based on their activity to select the best next action.
- Build and mantained basic ETL pipelines for ingesting data from diverse data sources, including web scraping, while ensuring data quality, using Python, Spark and AWS S3.

Reservoir Geologist

04/2017 - 07/2020   *Upstream Business Unit @ Galp*

- Organize and maintain corporate geological and GIS databases, ensuring the integrity and quality.
- Elaborate decision support packages and value of information exercises to help through decision gates for different projects.
- Build and implement optimized modelling, uncertainty and sensitivity workflows by developing purpose made routines in various software packages.
- Plan and execute reservoir studies incorporating different types of data, performing seismic interpretation and build complex structural and petrophysical models.
- Provide support for Mozambique Rovuma LNG project, by assisting and executing multi-disciplinary field development studies and work as a geoscience focal point for Angola block 14 development projects, following-up on drilling, completion and workovers operations in infill campaigns.

Education

Master of Science - Petroleum Engineering

03/2016 - 03/2017   *Heriot-Watt University*

Master of Science - Geoscience

09/2013 - 06/2015   *University of Coimbra*

Bachelor of Science - Geology

09/2010 - 06/2013   *University of Coimbra*

Contacts

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Socials

marcoramos.me
linkedin.com/in/majramos
gitlab.com/majramos
github.com/Majramos
twitter.com/majramos

Skills

ArcGIS

bash

business intelligence

css

data science

data engineering

docker

dremio

gis

git

gitlab

html

javascript

machine learning

next.js

pandas

powershell

python

R

scikit-learn

(py)spark

SQL

tailwindcss