Data Engineer

ABOUT

Data Engineer with 6 years of industry experience, proficient in designing and maintaining data pipelines and optimizing data storage. Dedicated to driving data-driven decisions and contributing to transformative projects. Continuously staying abreast of emerging trends to drive innovation and efficiency in data engineering practices.

EXPERIENCE

- Demonstrated expertise in building and optimizing data pipelines to ensure efficient information flow.
- Proficient in ETL tools and data warehousing solutions, enabling seamless data integration and transformation.
- Experienced in collaborating with cross-functional teams to understand and deliver on business requirements.

TECH STACK

- Python
- R
- SQL
- JavaScript
- Docker
- Node.js
- Matlab

EMPLOYMENT HISTORY

Data Engineer, Pleez

May 2022 - Present

Developing web scrapers to collect data from different delivery platforms, designing and managing the company Data Warehouse, generating data extractions to support business, managing the cloud infrastructure, developing the dashboard web application backend code.

Team Leader, BNP Paribas

October 2020 - May 2022

Leading the Stress Testing Data Analytics (STDA) team, overseeing 10 members from diverse backgrounds. Ensured timely delivery, data quality, and process enhancements while fostering innovation, control, and governance. Supervised tasks, handled recruitment, and supported the growth and skill development of team members.

Data Scientist, BNP Paribas

September 2019 – September 2020

Responsible for developing, maintaining and controlling the quality on quarterly delivered databases allowing to stress capital and cost of risk on the credit risk perimeter of the bank.

Data Scientist, Lisboa E-Nova

June 2012 – March 2015

Coordinated projects using advanced data analysis and reporting tools and developed decision-support systems, using urban energy, environment and sustainability data with R and Python, while overseeing the development of the first Lisbon Energy Observatory, a tool to monitor energy consumption and production trends across the city, in real time.

EDUCATION

Mechanical Engineering, Instituto Superior Técnico

2010 – 2015

Major in Energy, with subjects as Thermodynamics, Heat Transfer or Fluid Mechanics. Obtained a strong set of technical skills, such as CAD, FEM analysis, materials selection analysis, and programming with Matlab.