



# Pedro Henriques

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Data enthusiast with experience as a Data Analytics Engineer helping organizations with their data initiatives, so they can get accurate and relevant insights to support the organization's data-driven decision-making. I am seeking a challenging role where I can evolve and contribute with my skills and knowledge to support the development and implementation of data architectures, pipelines, and data visualizations.

## Professional Experience

<b>Xpand IT – Business Intelligence</b>	2022- 2023
Data Analytics Engineer	
<b>OutSystems as Out Contractor</b>	Digital Data Engineer
At OutSystems I was part of the Data warehousing sub-team, here I developed and supported several different projects, those initiatives were mostly for the finance and marketing departments.	
<ul style="list-style-type: none"><li>Designed and implemented data architectures and pipelines to collect, process, and analyze large datasets.</li><li>Create and develop data models to be the source of information for calculating marketing metrics.</li><li>Maintain the Annual Recurring Revenue data models and pipelines, developing new business rules, and reducing the financial team's data processing time.</li><li>Conducted testing and debugging of data pipelines and systems to identify and resolve issues and errors.</li><li>Developed and maintained data workflows, ETL processes, and data integrations to ensure data accuracy, completeness, and quality.</li><li>Collaborated with cross-functional teams, including data scientists, product managers, and business stakeholders, to understand and translate business requirements into technical specifications.</li><li>Conducted data analysis and created dashboards, reports, and visualizations to communicate insights and recommendations to stakeholders.</li></ul>	
I worked with: Snowflake, Pentaho, Power BI, Microsoft Azure, SQL, Python, Fivetran, Shell Scripts, dbt, Salesforce, and Alterix.	
<b>Medicare as Out Contractor</b>	Azure Data Analyst

My job was to migrate the company's data from on-premises to Azure cloud infrastructure. For this project, I used the Azure Synapse Analytics environment to create data pipelines and workflows that allowed the automation of ingestion and transformation processes of data, using Microsoft best practices. The project was divided into two frameworks.

- Ingestion framework: ingest data from different sources to Azure Data Lake Storage (ADLS).
- Processing Framework: process the data models. This framework implemented data transformations to create models, dimensions, and fact tables.

## Education

<b>Master in Engineering and Management of Information Systems</b>	2020-2022
<a href="#">University of Minho</a>	
<b>Bachelor in Engineering and Management of Information Systems</b>	2016-2020
<a href="#">University of Minho</a>	

## Skills

SQL | Snowflake | Microsoft Azure | Python | MySQL | Pentaho Data Integration | Power BI | Jira | GitHub | Unix | SQL Server | Tableau | Talend Open Studio | Talend Open Studio | Ruby on Rails | Confluence | HDFS | Spark | Distributed Systems

## Certifications

<b>Data Engineer Basics For Everyone</b>	2023
IBM	
<b>Distributed Storage and Processing Fundamentals</b>	2023
TrendyTech	
<b>Distributed Processing with Spark</b>	2023
TrendyTech	

## Languages

Portuguese - Native | English – Full Professional | Spanish – Elementary