

Pedro Souto Ourem

Data Analyst | Charleston, SC

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Portfolio: <https://pedrosourem.github.io/>



I am a Google certified Data Analyst and Chemical Engineer with a master's degree, seeking a career in data analytics. With 4 years of experience in the manufacturing industry and fluency in Portuguese, I bring a unique combination of technical expertise and analytical skills to the table. My goal is to use my ability to extract valuable insights from complex data sets to drive informed business decisions and drive positive results.

Work Experience

Quality Control Analyst | Thorne Research Inc. | May 23 – Current

- Inspected the quality of incoming, in-process, and finished goods, as well as the manufacturing process and employees.
- Improved and developed excel spreadsheets for the quality department to reduce human input error and simplify operations. Created a dynamic dashboard linked to data from all in-coming products to monitor various KPIs and provide relevant insights to stakeholders.

Manager and Manufacturing Engineer | HIER Bar & Brewery | Brazil

- Developed several beer recipes for a startup, including a Brazilian award-winning beer (Brazil Beer Cup 2022).
- Led a team of 3 to efficiently operate a brewhouse and beer dispensing system, ensuring high-quality production.
- Created a spreadsheet system to streamline production and manage inventory, boosting efficiency and control.

Technical Skills

- **Data Analysis:** MS Excel, MySQL, Microsoft SQL Server, BigQuery
- **Programming Languages:** Python, SQL, Excel VBA, Excel Script
- **Data Visualization:** Tableau, Power BI
- **Other Tools:** Snowflake, Fivetran, dbt, Alteryx, and R
- **Languages:** Portuguese (first language) and English (fluent)

Technical Projects

Cyclistic Bike Share | Google Certification Capstone Project

- Analyzed the impact of customer membership on the business over the last 3 years by cleaning a dataset of over 9 million records using Python ([Kaggle](#)).
- Developed a Tableau dynamic dashboard to present insights and potential strategies for increasing membership ([Tableau](#)).

8 Weeks SQL Challenge | Danny Ma SQL challenges

- Sharpened my SQL skills by tackling the case studies (#1) and (#2) of Danny Ma's SQL challenges.
- These exercises allowed me to hone my use of various SQL statements, such as joins, conditional statements, aggregate and window functions, subqueries, and common table expressions ([Medium](#)).

Toy Store Sales Dashboard | Maven Analytics Project

- Developed a sales dashboard for a toy manufacturing company that presents data from all 50 of their stores in Mexico.
- This dashboard is an effective tool for filtering sales KPI from any store in any Mexican city over time. Graphs show various KPIs such as total sales, cost, units sold, and profit margin. It displays sales over time, by department, and the five most profitable and best-selling products. ([Tableau](#)).

Employee Turnover Data Pipeline | Take Home Challenge

- Developed a cloud data stack consisting of Fivetran, Snowflake, and dbt to provide the BI team with cleaned data that can be used to report on employee's turnover.
- The process involved moving raw and transformed data from multiple platforms via Fivetran, followed using dbt to transform the raw data into ready for analysis data, maintain documentation, and apply version control to the pipeline.

Education & Certifications

Hashtag Treinamentos | Python *Impressionador* Course

- Python Fundamentals & Data Analysis (Numpy, Pandas)

Alteryx | Alteryx Designer Core Certification

- Input/Output, Join, Preparation, Transform, Parse

Google & Coursera | Professional Data Analytics Certification

- Google sheet, BigQuery, Tableau and R

Federal University of Pernambuco | master's & bachelor's degree in chemical engineering (3.66 GPA)