Pedro Souto Ourem
Data Analyst | Charleston, SC

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

I have a master's degree in chemical engineering and am a Google certified data analyst. I am a hard-working, self-taught professional, with a natural curiosity for learning new subjects that enables me to effectively complete any task assigned. I developed a systems and goals mindset, which has made me a more efficient problem solver.

Education & Certifications

Hashtag *Treinamentos* | Python *Impressionador* Course (181 hours) — **Nov 2022**
- Python Fundamentals & Data Analysis (Numpy, Pandas) | Python Integration with txt, pdf, email, and SQL | Web-scrapping: Selenium

Alteryx | Alteryx Designer Core Certification — **July 2022**
- Input/Output, Join, Preparation, Transform, Parse

Google & Coursera | Professional Data Analytics Certification (200 hours) — **May 2022**
- Google sheet, BigQuery, Tableau and R

Federal University of Pernambuco | Master's & Bachelor's Degree in Chemical Engineering — **Dec 2021**

Technical Skills

- **Spreadsheets:** Excel, Google Sheets
- **Database:** MySQL, Microsoft SQL Server, and BigQuery
- **Programing Language:** Python (Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn)
- **Data Visualization:** Tableau
- **Familiarity with:** Alteryx, Power BI, and R
- **Bilingual:** Portuguese (first language) and English (fluent)

Technical Projects

Cyclistic Bike Share | Google Certification Capstone Project
- Data cleaning and manipulation in Python. | ***Kaggle***
- Data visualization in Tableau to understand the differences between customers with and without membership. | ***Tableau Public***

US Mass Shootings | Kaggle Dataset
- Data manipulation in Python | ***Kaggle***
- Data visualization in Tableau to analyze trends in mass shooters in the country. | ***Tableau Public***

8 Weeks SQL Challenge | Danny Ma SQL challenges
- Case Study #1 and #2: Data manipulation and analysis in SQL. | ***Medium***

IBM Employee Attrition Prediction | Data Science with Python (Simplilearn course)
- Data cleaning, manipulation, and exploration with Numpy, Pandas and with Matplotlib. Used categorical features encoding and numerical features scaling techniques to perform and compare two classification models: Logistic Regression and Random Forest. Evaluated the models with Confusion Matrix and ROC-AUC Curve. | ***Kaggle***

Experience

Manager and Manufacturing Engineer | HIER Bar & Brewery | Brazil (3 years) — **Oct 2021**
- Created and developed multiple beer recipes for a startup business, including a Brazilian nationally awarded beer (Brazil Beer Cup 2022).
- Managed a 3-person production team responsible for the brewhouse and the beer dispensing operation.
- Created spreadsheets to better improve and control the production parameters and inventory.