

Data Professional with a solid grounding in key data science concepts through certifications and self-study. Skilled in Python, SQL, and familiar with machine learning and data visualization tools. Passionate about using data to solve real-world problems and excited to grow in a data science role. Ready to bring enthusiasm and a fresh perspective to your team.

Technical and Soft skills

- **Python** (NumPy, Pandas, Scikit-learn, Matplotlib, SciPy, Plotly)
- **Advanced Statistics** (Hypothesis Testing, ANOVA, MANOVA, Regression Analysis)
- **Machine Learning** (Regression Analysis, K-means, Naïve Bayes, Decision Trees, Random Forest, ADABOOST, XGBoost)
- **SQL** (MySQL, PostgreSQL, Oracle, and MS SQL)
- **Tableau & Power BI**
- **Proficiency in EDA** (Exploratory Data Analysis)
- **Communication and Attention to detail**

Milestones

ANOMALY DETECTION IN TRANSACTIONS USING A RANDOM FOREST MODEL – ExxonMobil – Prague, Czech Republic

Used a Random Forest model to predict the probability of a transaction being anomalous. This helped ExxonMobil better manage cash flows and prevent financial losses due to unusual activities and resulted in **early Detection of errors and fraud, improved Cash Flow Management and increase operational efficiency.**

Work Experience

DATA ANALYST - CASH MANAGEMENT – ExxonMobil – Prague, Czech Republic

January 2024 – *Currently working here*

- Building **supervised and unsupervised machine learning models** to improve error detection in cash management transactions.
- Extracting, analysing, and automating reports of bank account creation for ExxonMobil's affiliates using **SQL** (PostgreSQL and Microsoft SQL server).
- Automating bank schedule reporting for ExxonMobil's affiliates using **Python**.

OPERATIONS ANALYST - WEB SERVICES – ExxonMobil – Prague, Czech Republic

January 2022 – January 2024

- Integration of **data-driven insights** into daily operations, enhancing the effectiveness of web services with the stakeholders across the globe in multi-functional teams inside an agile methodology
- Managing data processing of worldwide lubes **Product Data Sheets (PDS)**, streamlining the publishing process
- Built several communication channels to overcome the lack of connection between teams working for the PDS Process workflow

Education and Certifications

GOOGLE CAREER CERTIFICATE IN ADVANCED DATA ANALYTICS

Majors: Python, Advanced Statistics, Regression Analysis, Hypothesis Testing, Machine Learning

GOOGLE CAREER CERTIFICATE IN DATA ANALYTICS

Majors: SQL, R, Tableau, EDA, Excel

BACHELOR IN BUSINESS MANAGEMENT – University of La Rioja – Logroño, Spain

Majors: Business Analytics, Digital Marketing, International Business

INTERNATIONAL TRADE PROGRAM – Development Agency of La Rioja – Logroño, Spain

Majors: International trade, market research, data collecting