



LUCAS ESPÓSITO TEJERINA

Information System Engineer

CONTACT



espositolucas2002@gmail.com



(+54) 11 2289-9888



Recoleta, Buenos Aires, Argentina



<https://www.linkedin.com/in/lucas-esposito-tejerina/>



<https://github.com/EspositoLucas>



<https://espositolucas.github.io/Portfolio-Website/>

TECHNICAL SKILLS

- Excel & Google Sheets
- SQL (MS SQL Server, MySQL, PostgreSQL)
- Python
- Power BI & Tableau
- Git

CERTIFICATIONS

- *Google Advanced Data Analytics Certificate – Coursera (2025)*
- *First Certificate in English Exam – University of Cambridge (2020)*
- *Graded Examination in Spoken English (GESE) - Trinity College London (2018)*

LANGUAGES

- Spanish - Native
- English - Upper Intermediate – Level B2 (FCE)

ABOUT ME

I am Lucas Espósito Tejerina, advanced student of Information Systems Engineering at the National Technological University (UTN FRBA), about to graduate. During my career I have acquired and applied technical and theoretical knowledge, developing projects oriented to data analysis and the use of modern technologies.

My portfolio includes tech job market analysis using Python and SQL, automated data pipelines with Airflow and Docker for Mercado Libre, and sports analytics with Power BI visualizations. In addition, I have explored the use of LLM models for financial data categorization.

I am looking to join an innovative team where I can bring my technical and analytical skills, while continuing to expand my skills in a dynamic data-driven environment.

PROJECTS

DATA JOB MARKET ANALYZER: I developed an advanced analytics system to assess optimal skills in the data field, creating a customised Skill Multiplier that combines normalised demand and normalized salary. The analysis revealed role-specific patterns: for Data Analysts (median salary \$92,500), Data Engineers (\$130,000) and Data Scientists (\$126,500). I generated detailed visualisations showing the geographic distribution of job openings and the dominance of platforms such as LinkedIn in the market.

Repository: <https://github.com/EspositoLucas/Data-Job-Market-Analyzer>

Technologies: SQL, PostgreSQL, Python

MERCADO LIBRE DATA PIPELINE: I designed and implemented an automated data pipeline using Apache Airflow and Docker that interacts with Mercado Libre's public API. The system performs daily ETL of product data, storing it in PostgreSQL and generating email alerts when items exceed \$7,000,000. I implemented custom scripts for data extraction and configured a containerised environment to ensure pipeline reproducibility.

Repository: <https://github.com/EspositoLucas/Mercado-Libre-Data-Pipeline-Challenge>

Technologies: Python, Airflow, SQL and Docker

ATP TOUR 2024 ANALYSIS : Developed a complete ATP Tour 2024 data analysis process, including data cleaning using Excel, Python and SQL to validate data integrity. Created Jupyter notebooks for exploratory analysis and designed a Power BI dashboard that visualises key player and tournament statistics. Implemented data validation processes to identify and correct errors in the original dataset.

Repository: <https://github.com/EspositoLucas/ATP-Tour-2024-Analysis/tree/main>

Technologies: Python, SQL, Power BI

DATA JOB POSTINGS ANALYSIS: I implemented a comprehensive analysis focused on the highest paid roles in the data market, using SQL and PostgreSQL to process more than 10,000 job postings. I identified that the highest-paying remote positions reach \$650,000 per year, and that specific technologies such as SVN, Solidity and Couchbase are associated with average salaries above \$160,000. The analysis also revealed that SQL appears in 80% of the highest-paying jobs, followed by Python (70%) and Tableau (60%).

Repository: https://github.com/EspositoLucas/Data_Job_Postings_Analysis

Technologies: SQL, Git, PostgreSQL

LOCAL LLMs ANALYSE FINANCE: Implemented an automatic categorisation system for bank transactions using the Llama2 model. I developed a financial data tagging process using local LLMs, improving the accuracy of expense classification. The system automatically processes and categorises bank transactions, facilitating personal financial analysis.

Repository: <https://github.com/EspositoLucas/Local-LLMs-Analyse-Finance>

Technologies: Python, Llama2

EDUCATION

2020-2025
CABA, Argentina

Systems Information Engineering
Universidad Tecnológica Nacional

2019
CABA, Argentina

Bachelor in Social Sciences and Humanities
Colegio La Salle Buenos Aires