

Humberto Potes Lesoinne

+52 8119173454 | humberto@potes.com.mx | linkedin.com/in/humberto-potes | Mexican & Belgian

Lead Data Scientist at CEMEX. Part-time student in the MSc program in Data Science at UT Austin, graduate with an MSc in nanotechnology and BSc in chemical engineering. I have gathered experience in data science, engineering and analysis using python and SQL, as well as in the development of company projects and team management. Belgian-Mexican, eager to build my career in Europe in roles as a Business Analyst or Data Analyst/Scientist, where I can leverage my technical expertise to drive impactful insights and business decisions.

EDUCATION

The University of Texas at Austin

Master of Science: Data Science

Austin, TX
December 2025 (Part-time)

Tecnológico de Monterrey

Master of Science: Nanotechnology

Monterrey, Mexico
December 2021

- Excellence Scholarship
- Publication - Nanomaterials for Electrochemical Detection of Pollutants in Water: A Review

Tecnológico de Monterrey

Bachelor of Science: Chemical Engineer

Monterrey, Mexico
December 2019

- Scholarship for Academic Talent
- Development of “Open Discussions” with the Student Group: Student Sustainability Program
- Student Representative of University’s Esports Program

EXPERIENCE

CEMEX

Lead Data Scientist

Monterrey, Mexico
August 2022 – Present

- Spearhead the end-to-end process of conceiving, testing, and implementing hypotheses for data projects.
- Automate workflows across various areas, significantly reducing manual efforts.
- Orchestrate the Data Analytics team, providing leadership and mentorship.
- Offer pivotal support to diverse departments through expert data cleaning and pipeline management.

Results:

\$800,000+ USD/month in sales
\$400,000 USD in savings
8 projects developed

Data Scientist

January 2022 – August 2022

- Led the development and maintenance of a client-centric product recommender model, tailoring recommendations.
- Applied machine learning for pattern analysis, revolutionizing store restocking procedures.
- Diligently managed and continually enhanced Dash solutions.

Results:

\$200,000+ USD/month in sales
\$100,000 USD in savings

CardioChavitos

Data Engineer: Volunteer

Monterrey, Mexico
September 2022 – December 2023

- Optimized the data warehouse structure for efficient data retrieval
- Engineered a robust data cleaning script to rectify errors in patient information recording
- Implemented a systematic ID system for patients and doctors, enhancing record organization

Results:

Automatic tracking of patient results
Dashboard for donors

SKILLS AND LANGUAGES

Computer/Technical: Python, SQL, R, Bash, VBA, Azure, AWS, GCP, Git, CICD, Tableau, Power BI, Dash, Matlab

Skills: Data Visualization and Analysis, Problem-Solving, Effective Communication, Mathematical and Statistical Models,

Languages: Spanish (Native), English (Fluent), French (Intermediate)

Certifications: Applied Data Science with Python Certificate (University of Michigan), Data Science Professional Certificate (IBM), SQL Certificates (Harvard University & UC Davis)

Personal Interests: Piano, Sustainability, Continuous learning, Equality