

JOSE M. (CHEMA) GALVEZ

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BI and Analytics Engineer with 3+ years of experience building stakeholder-facing dashboards, automated ETL pipelines, and data models that drive executive decision-making. Proficient in Power BI (DAX, PowerQuery), Tableau, SQL, and Python. Currently completing an MSc in Computational Analysis and Public Policy at the University of Chicago, bringing analytical rigor and a data-driven approach to complex business problems.

EDUCATION

The University of Chicago

Master of Science in Computational Analysis and Public Policy

Chicago, IL

June 2026

Coursework: Software Engineering, Machine Learning, Python Programming, Databases, Privacy & Consumer Protection

Awarded the Harris Merit Scholarship for 2024-2026.

Universidad de las Americas Puebla

Bachelor in Economics

Puebla, Mexico

June 2022

SKILLS

Languages: Python, SQL, R, JavaScript, Bash

Data & Analytics: ETL pipelines, data modeling, Power BI (DAX, PowerQuery), Tableau, D3, Altair

Databases: MySQL, SQL Server, PostgreSQL, SQLite

Engineering: Git, FastAPI, web scraping, schema design, automated scheduling

Tools & Platforms: Jira, SAP, VisualCron, PowerShell, Excel Macros

Domains: Business intelligence, data engineering, financial analysis, public policy

PROFESSIONAL EXPERIENCE

Metropolitan Family Services

Business Intelligence Intern

Chicago, IL

June – August 2025

- Engineered a nightly ETL pipeline in Python/PowerShell integrating MySQL and SQL Server backends, processing 15,000+ records with automated scheduling via VisualCron — implementing try/except error handling for zero data loss and maintaining an archive database as a recovery fallback.
- Designed and delivered a Tableau dashboard surfacing SLA compliance, resolution time, and backlog trends to senior leadership — defining additional metrics beyond initial requirements and identifying a structural routing gap that had excluded an entire team from ticket attribution.
- Partnered with IT leadership to redesign the service desk intake process through stakeholder interviews and iterative prototyping, reducing misreported ticket resolution time from 7+ days to the 36-hour SLA target.

Siemens AG

Commercial Project Manager

Mexico City, Mexico

May 2022 – July 2024

- Developed two stakeholder-facing Power BI dashboards with DAX measures and data modeling for the Finance team, enabling real-time decision-making and reducing weekly reporting time by 5+ hours.
- Built and maintained automated Power BI dataflows using PowerQuery to ingest, transform, and load weekly financial data — engineering validation safeguards around inconsistently formatted upstream sources.
- Directed financial planning and forecasting across 30+ energy distribution projects, conducting business analysis in Excel and SAP that drove a 7% Gross Margin improvement.

Energy Agency of the State of Puebla

Economics Intern

Puebla, Mexico

May 2021 – July 2021

- Led a geospatial research project analyzing vehicle registration, traffic, and tourism datasets across 217 municipalities to identify EV infrastructure gaps — results published as the State of Puebla's official 2022 EV Charger Deployment Plan.
- Coordinated with government agencies and private sector partners to translate analytical findings into funded policy recommendations, achieving a 50% increase in EV charger installations statewide.

PROJECT EXPERIENCE

Owli Tools: Python, httpx, lxml

Work in Progress

- End-to-end reading analytics app that scrapes and normalizes Goodreads data into a structured pipeline, feeding a personal analytics dashboard — demonstrating full BI workflow from raw data ingestion to client-facing visualization.

How Much More Violent is Mexico Since You Were Born? Tools: Python, JavaScript, html, D3, Claude, CSS

- Processed raw government datasets in Python and rendered an interactive data journalism website with D3 — demonstrating end-to-end BI workflow from raw data to client-facing visual product.

China Solar Tech Exports Tools: Python, Altair, html

- Cleaned and structured public datasets to build a static analytics site outlining key insights into China's solar energy technology trade — applying data visualization best practices and end-to-end BI workflow.