

# Jesus L. Monroy

 Mexico City |  e-mail |  Telegram

## Economist & Data Scientist

I've applied data analysis and visualization to drive strategic value for 10+ years across industries like public security, e-commerce, and healthcare. I use Python, SQL, and Tableau to transform raw data into clear, actionable data products (*webpages, slideshows, interactive reports*) that support decision-making, occasionally incorporating regression and classification analyses. Background in **Economics** (BA), **Information Technology** (MA) and **Data Science and Machine Learning** (Certification). Committed to fostering data literacy, I share my posts on Learning Data and T3CH via Medium.

## Professional Experience

### Atos | Reporting Team

*Information Analyst*

May 2024 - Mar 2025

- Used Snowpark and Python for data exploration, transformation, and analysis, enabling scalable data workflows.
- Designed intuitive Tableau dashboards to empower end-users with data-driven insights.
- Created compelling interactive visualizations and web reports using Python to drive informed decision-making.
- Collaborated with cross-functional teams to understand business needs and translate them into data solutions.
- Developed engaging web slideshows with interactive tables and charts using Python to effectively communicate data-driven stories to diverse audiences.

### People Media Solutions | IMSS

*Tableau Analyst*

Jun 2023 - Feb 2024

- Used SQL for data manipulation and analysis, enabling data-driven decision-making.
- Created visually appealing and informative dashboards using Tableau.
- Created clear and concise documentation for digital products.
- Automated reports using Python, transitioning from manual spreadsheets and slideshows to webpages.

### Pepsi | Digital Transformation

*Sales Digitalization Specialist*

Mar 2023 - May 2023

- Enhanced data-driven decision-making by building interactive dashboards with Looker Studio and Google Analytics.
- Utilized SQL queries to extract, clean, and analyze relevant data from various sources.
- Developed a repository with Python-based web reports for stakeholders.

## **Secretaria de Seguridad y Proteccion Ciudadana | Guardia Nacional**

*Information Analyst*

Jan 2010 - Dec 2022

- Used *SQL* for data collection and transformation.
- Created data pipelines with *Python* and Google APIs for management reporting.
- Designed interactive dashboards using *Looker Studio* for monitoring of operational performance.
- Participated in meetings with diverse managers to understand business problems and propose data solutions.
- Created a digital map of operational facilities using *Python*, providing an interactive visual of key locations.
- Collaborated in the implementation of *Google Sheets* and *Forms* to streamline data collection.
- Developed a digital *newspaper* for communication among personnel, fostering an engaged workforce.
- I was promoted as *deputy director* of the analytical area, improving data governance and literacy.

## **Education**

<b>University</b>	<b>Career</b>	<b>Period</b>
MIT-IDSS	Data Science & Machine Learning Certification	mar - jun 2024
UMOV Academy	Master of Information Technology	2022-2023
Universidad Autonoma de Puebla	Bachelor of Economics	2001-2006

## **Skills**

- SQL
- Python
- Tableau
- Markdown
- Git & Github
- Problem-solving
- Collaboration
- Time management
- Business acumen
- Storytelling

## **Contact**

[Portfolio](#) | [Blog](#) | [Linkedin](#) | [Medium](#)