

# Eduardo Antonio Pérez Rodríguez

Junior Data Scientist | Python • SQL • Statistical Analysis  
Mexico City  
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## Professional Profile

Data Scientist in training with skills in Python, SQL, and statistical analysis. Experience applying libraries such as Pandas and Scikit-learn for exploratory data analysis, modeling, and data pipeline automation in industrial environments, with a focus on transforming complex data into actionable models and insights.

## Technical Skills

- Python (Pandas, NumPy, SciPy, Matplotlib, Seaborn, Scikit-learn)
- SQL (PostgreSQL, MySQL)
- Exploratory Data Analysis (EDA)
- Inferential Statistics & Hypothesis Testing
- Machine Learning
- ETL Processes
- Advanced Excel (Automation, Macros, Pivot Tables)

## Technical Projects

### Transportation & Weather Data Analysis (Chicago) — TripleTen (2025)

- 1 Analyzed taxi trip data using SQL and Python to identify demand patterns and user behavior.
- 2 Performed joins across multiple tables including trips, weather, neighborhoods, and companies.
- 3 Evaluated the impact of weather conditions on trip duration using statistical hypothesis testing.
- 4 Visualized key results and derived data-driven conclusions to support decision-making.

### Video Game Sales Analysis (Ice Store) — TripleTen (2025)

- 1 Analyzed historical video game sales data to identify factors influencing commercial success.
- 2 Performed data cleaning and transformation, including handling missing values and ESRB classification.
- 3 Evaluated platforms, genres, and regions using exploratory data analysis and visualizations.
- 4 Applied statistical hypothesis testing to compare user ratings across platforms and genres.

## Professional Experience

### Procter & Gamble (P&G) — Validation Lead (Apr 2023 – Oct 2025)

- 1 Led a team responsible for the qualification of critical systems in a laboratory construction project.
- 2 Automated tracking and reporting datasets using Python with Pandas, NumPy, and Matplotlib.
- 3 Streamlined laboratory test result documentation using Excel macros and pivot tables.
- 4 Tracked and recorded results from computer systems used for production process automation.

**Technology Business Incubation Office (IPN) — Quality Lead (Jan 2024 – Jan 2025)**

- 1 Recorded and tracked raw material data using Excel datasets automated with Python.
- 2 Developed sales forecasts using Python (Pandas, NumPy, Matplotlib, SciPy) to support purchasing and inventory decisions.

## **Education**

- 1 Data Scientist Certificate — TripleTen (2025)
- 2 B.S. in Software Development Engineering — Universidad Virtual del Estado de Guanajuato (In progress)
- 3 B.S. in Industrial Pharmaceutical Chemistry — Escuela Nacional de Ciencias Biológicas

## **Languages**

Spanish: Native

English: B2