Data Analyst/ Developer

Miguel Morales

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https://github.com/Skmzbk

Skills

- SQL
- Python (Pandas, NumPy, MatPlotLib)
- Tableu
- Excel/Google Sheets

- Microsoft Power Bi
- HTML5
- JavaScript
- C#

Projects

Data Professional Survey Breakdown – Personal Project – Remote September 2025

- Built an interactive Power BI dashboard analyzing salaries, job satisfaction, career difficulty, and programming preferences of data professionals globally.
- Cleaned and transformed survey data for visualization using Power Query and DAX.
- Designed visuals including regional breakdowns, top programming languages, and career comparison charts to highlight key insights.

Airbnb Seattle Dashboard – Personal Project – Remote August 2025

- Created a Tableau dashboard visualizing 2016 Airbnb data for Seattle, including price comparisons, number of bedrooms, and area analysis.
- Designed clear visualizations for pricing trends, property distribution, and room-type comparisons.
- Provided actionable insights into market patterns through interactive storytelling.

Bike Sales Dashboard – Personal Project – Remote July 2025

- Developed an interactive Excel dashboard using Pivot Tables to analyze bicycle sales by marital status, education, region, number of children, gender, age, and income.
- Implemented dynamic filtering and summary tables to allow end-users to explore demographic trends in sales.
- Visualized insights through charts and graphs for regional and demographic comparisons.

Global Layoffs Analysis (2020–2023) – Personal Project – Remote June 2025

- Conducted SQL-based data cleaning, transformation, and exploratory analysis of worldwide layoffs.
- Identified trends, patterns, and insights by industry, company, country, and time period using MySQL.
- Enabled potential visualization integration in Excel, Power BI, or Tableau for dynamic reporting.

Work Experience

Project Director – Astatine VR Certification Simulator – Mexico City, MX August 2018 – December 2019

- Directed the development of a forklift simulator used for operator certification, coordinating a multidisciplinary team of programmers, designers, and 3D artists.
- Designed and implemented project dashboards in Excel to track progress, deadlines, and budget allocations.
- Analyzed performance metrics and simulator data to optimize user experience and improve accuracy in training scenarios.

Education

Licenciatura en Animación y Arte Digital - *Tecnológico de Monterrey*