

# WALTER URBANO LEYVA

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## Education

### Bachelor's Degree in Physics

Universidad Autónoma de Baja California (UABC) (2014 - 2018)

### Master's Degree in Data Analysis

Universidad Internacional de La Rioja in Mexico (UNIR) (2024 - Present)

## Skills Summary

**Languages:** Python, SQL, Java, C++, MATLAB, Mathematica

**Frameworks:** Pandas, Numpy, Scikit-learn, Matplotlib, BeautifulSoup, Selenium

**Tools:** Excel, Power BI, PowerPoint, MySQL, LaTeX

**Platforms:** PyCharm, Jupyter Notebook, Visual Studio, GitHub, Streamlit

**Soft Skills:** Teamwork, Problem-solving, Effective communication

## Work Experience

### Loan Processor | Westlake Financial

December 18, 2023 – September 9, 2024

- Optimized the account distribution process within operations, improving processing times.
- Implemented workflow enhancements, reducing waiting times and increasing efficiency.

### Skip Agent | Westlake Financial

November 1, 2024 – February 20, 2025

- Conducted investigations and customer location using advanced data analysis tools.
- Improved customer identification accuracy by 20% through information cross-referencing techniques.

## Projects

### UberEats Data Analysis in Tijuana

- Extracted and analyzed restaurant data from UberEats in Tijuana using web scraping.
- Identified trends in gastronomic offerings and evaluated price variability.
- Utilized Python (BeautifulSoup, Selenium, Pandas), SQL for data storage, and Power BI for visualization. **Dashboard UberEats Tijuana**

### Big Data & NoSQL Project

- Implemented Apache Spark for large-scale data processing, optimizing ETL workflows.
- Used PySpark for querying, transforming, and aggregating big datasets efficiently.
- Integrated MongoDB as a NoSQL database for unstructured data storage and retrieval.
- Developed advanced queries in MongoDB using aggregation pipelines to analyze large datasets.
- Built an interactive Streamlit dashboard to visualize and analyze high-volume data in real-time.
- Designed automated ETL processes to extract, transform, and load data from multiple sources.
- Deployed Dockerized solutions for scalable data analysis environments.

## Certificates

- **Data Analysis and Visualization Diploma** — Universidad Internacional de La Rioja en México (UNIR)

*November 4, 2024 – April 13, 2025*

- **Data Architecture Diploma** — Universidad Internacional de La Rioja en México (UNIR)  
*May 13, 2024 – October 6, 2024*
- **Python Programming Certification** — Universidad Internacional de La Rioja en México (UNIR)  
*October 2, 2023 – June 2, 2024*
- **SQL Databases Certification** — Universidad Internacional de La Rioja en México (UNIR)  
*October 2, 2023 – June 2, 2024*
- **Soft Skills Certification** — Universidad Internacional de La Rioja en México (UNIR)  
*October 2, 2023 – June 2, 2024*
- **Power BI Certification** — SOA (Online Academy)  
*October 5, 2024 – November 5, 2024*

## Languages

**Spanish:** Native

**English:** Advanced

**French:** Basic