

Data Science student and Python developer specializing in data analysis, data visualization, and statistical modeling. Proficient in leveraging tools such as Excel, Power BI, MySQL, and Python libraries like Pandas, NumPy, and Matplotlib to extract actionable insights from complex datasets. Experienced in working with cross-functional teams, demonstrating strong communication, problem-solving skills, and emotional intelligence. Skilled in performing under pressure, with a proven ability to adapt to diverse work environments. Knowledgeable in data cleaning, ETL processes, and machine learning workflows, including building predictive models to optimize business outcomes.

TECHNOLOGIES AND LANGUAGES

- **Languages:** Python, SQL, JavaScript
- **Tools:** Excel, PowerBI, Tableau, Google Sheets, PostgreSQL, Mysql, Anaconda
- **Technologies:** Pandas, NumPy, Matplotlib, Django, Jupyter Notebooks, TensorFlow, Spark
- **Other:** SCRUM

PROJECTS

● Titanic Data Analysis

Description: Analyzed the Titanic dataset to uncover insights about survival rates based on class, gender, and age.

Key Achievements:

Processed a dataset of over 1,300 records, applying data cleaning techniques to remove inconsistencies and null values.

Conducted exploratory data analysis (EDA) using Python libraries such as Pandas, Matplotlib, and Seaborn.

Visualized survival patterns with bar charts, histograms, and heatmaps to present findings effectively.

Utilized Anaconda to streamline the management of dependencies and environments.

Impact: Demonstrated proficiency in EDA and data visualization to derive actionable insights from historical data.

● Space Missions Data Exploration

Description: Explored a dataset of global space missions to identify trends and performance metrics.

Key Achievements:

Calculated an average success rate of 85% in space launches since 1957, highlighting variations by country and organization.

Performed data cleaning and analysis using Pandas and NumPy, focusing on mission success rates and launch trends by year.

Created interactive visualizations with Plotly to showcase launch success rates by country and organization.

Designed detailed line charts and scatter plots to reveal historical patterns in space exploration.

Impact: Highlighted key drivers of success in space missions, showcasing expertise in handling large datasets and delivering insights.

● API Integration Tool

Description: Developed a Python application to retrieve expenditure data from the Universidad de Fomento API.

Key Achievements:

Automated data extraction and improved reporting efficiency.

Designed a user-friendly interface to display API results effectively.

Impact: Streamlined financial data analysis processes by reducing manual workload.

EDUCATION AND CERTIFICATIONS

Become a Data Analyst – *LinkedIn Learning* (2024)

- Covered data cleaning, visualization, statistical analysis, and using tools like SQL, Excel, and Tableau.

Data Science Career Path – *EducaciónIT* (2024)

- Focused on machine learning, data-driven decision-making, and Python frameworks for data analysis.

Python with Frameworks – *Udemy* (2023)

- Advanced Python programming with libraries such as Pandas, NumPy, Matplotlib, and Flask for data applications.

Programming Foundations: Python, Java & JavaScript – *Udemy* (2023)

- Emphasized foundational programming concepts, object-oriented programming (OOP), and multi-language versatility.

View detailed project descriptions and code at my [my personal website](#).

LANGUAGES

- **English:** C1
- **Spanish:** Native