

Omar Anaya

Junior Data Analyst | Python & Machine Learning

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🌐 <https://github.com/Oz-Ozen/Data-Portfolio>

Profile

Self-taught data analyst with a background in nanotechnology engineering and hands-on experience in data science through freelance projects. Skilled in Python for data analysis and machine learning, including tools such as Pandas, NumPy, and PyTorch. Passionate about uncovering insights from data, building predictive models, and applying analytical thinking to solve real-world problems.

Professional Experience

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|-------------|---|
| 2024 – 2025 | Freelance Data Analyst <ul style="list-style-type: none">• Developed custom data analysis scripts for clients using python (polars, pandas, pyplot).• Built small-scale machine learning models for forecasting and classification task.• Managed end-to-end projects from data cleaning to presentation insights. |
| 2022 – 2023 | Data Intern
<i>Universidad Pontifica Bolivariana</i> <ul style="list-style-type: none">• Assisted in collecting and organizing experimental data for nanotechnology research.• Cleaned and structured data using Excel, SQL, and Python for internal and academic publications.• Supported the analysis of sensor datasets to identify and model material behavior under variable conditions. |

Education

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|--------------------|--|
| 2017 – 2023 | Degree in Nanotechnology Engineering |
| Medellin, Colombia | <i>Universidad Pontifica Bolivariana (UPB)</i> |

Skills

- | | |
|--|---------------|
| Python | SQL |
| Excel/Google Sheets | Data Cleaning |
| Machine Learning (PyTorch, TensorFlow) | |

soft skills

- | | |
|-----------------------|--------------------------------|
| • Analytical thinking | • Problem-solving |
| • Attention to detail | • Teamwork & collaboration |
| • Time management | • Self-learning & adaptability |

Languages

- | | |
|-------------------------|----------------|
| English | Spanish |
| Upper-intermediate (B2) | Native |