



ISMAEL BOVINGDON CASTILLEJO

Data Analyst | Master's Degree in Data Science

Mechanical Engineer with a financial and industrial background.

About me

Mechanical Engineer with experience in backend development within the financial sector, technical management, and data analysis in industrial projects.

Currently pursuing a Master's Degree in Data Science and Big Data, aiming for junior / entry-level roles as a Data Analyst or Data Engineer.

Analytical, structured profile focused on delivering value through data-driven decision-making in business and industry.

Professional experience

Health, Safety and Risk Prevention Manager – Engineering Projects

ARPO Empresa Constructora S.A. (2024-2025)

- Analysis and control of operational and documentation data during project design and execution phases.
- Monitoring compliance KPIs and preparing technical reports to support decision-making.
- Coordination of multiple stakeholders and standardization of control and reporting processes.

Senior Health & Safety Prevention Technician

Ibersys Seguridad y Salud S.L. (2023-2024)

- Management and analysis of technical information in industrial, energy, and construction projects.
- Preparation of structured reports and data-driven improvement proposals.
- Work in complex, multidisciplinary environments (energy, industry, public sector).

Backend Developer – Mainframe (COBOL, DB2 SQL, JavaScript)

BBVA Technology S.L. (2018-2022)

- Development and maintenance of batch and online financial applications in critical environments.
- Management and querying of DB2 SQL databases with millions of records.
- Incident analysis, data validation, and process optimization.
- Work under strict quality, security, and version control standards.

Technical skills

Data & Analytics

- ❖ SQL (complex queries, subqueries, Snowflake)
- ❖ Python (pandas, numpy, Matplotlib, scipy.stats, statsmodels)
- ❖ Exploratory Data Analysis (EDA)
- ❖ Data Visualization (Power BI, Tableau)

Fundamentals

- ❖ Descriptive statistics
- ❖ Data modeling
- ❖ ETL concepts
- ❖ Relational databases

Other skills

- ❖ Git (versión control)
- ❖ Advanced Excel
- ❖ Technical Documentation

Contact

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📍 Location: Madrid, Spain

🔗 LinkedIn

💻 GitHub Projects

Education

Master's Degree in Data Science, Big Data & Business Analytics, UCM

Master's Degree in Health & Safety Prevention, UFV

Bachelor's Degree in Mechanical Industrial Engineering, UHU

Languages

- Spanish: Native
- English: Professional proficiency