



Iñigo Peña de las Heras

Data & AI Engineer | Machine Learning | Big Data

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About Me

Data & AI student with hands-on experience in building data and machine learning pipelines. Strong foundation in Python, SQL, and applied machine learning, with experience developing LLM-based systems and analytical solutions. Interested in solving complex, real-world problems at scale.

Experience

- **LKS Next GobTech**, Bilbao, June 2025 – August 2025
 - Developed from scratch an intelligent conversational agent using a RAG (Retrieval-Augmented Generation) architecture and the MCP protocol.
 - Integrated LangChain, LangGraph, and FastMCP, focused on automated code generation and model validation.
 - Built a probable MVP of an application-generating agent.

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- **Inetum**, Bilbao, December 2025 – Present
 - Contribute to technology- and data-driven projects within an enterprise environment, working with structured data, business processes, and production-oriented systems.
 - Support the analysis, development, and optimization of digital solutions in collaboration with cross-functional teams.

Education

- **University of Deusto**, Bilbao
 - Double Degree in Computer Engineering and Data Science & Artificial Intelligence, Sept 2022 – Present
 - AI, Machine Learning, Big Data Systems, Probability and Statistics, Databases and SQL, Data Visualization, Algorithms...

Skills

- Programming & Data: Python (pandas, NumPy, scikit-learn...), SQL, Streamlit, Power BI.
- Machine Learning & Analytics: Supervised, Unsupervised & Reinforcement Learning, Time Series Analysis, Model Training & Evaluation, Statistical Analysis.
- AI & Intelligent Systems: Large Language Models, Retrieval-Augmented Generation, LangChain, LangGraph.

Languages

- Spanish, Native
- English, C1
- Basque, B2