



PROFESSIONAL SUMMARY

Data professional skilled in end-to-end analytics from exploration to actionable insights. Combines advanced analytics (Python, SQL, Power BI) with machine learning (predictive modeling, ETL automation) to drive data-driven strategies.

CONTACT

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- Barcelona City
- [Portfolio](#)
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FORMATION

- Data Science Bootcamp** - The Bridge (600h, 2024-2025)
- Higher Technician in Web Application Development** - FUOC (In progress)
- Introduction to Python** - CIFO La Violeta (100h, 2024)
- Master's in Education and ICT** - UOC (2023)
- Degree in English Studies** - Universitat de Barcelona (2016-2021)

LANGUAGES

- Catalan:** Native
- Spanish:** Native
- English:** Fluent (C2)

SOFT SKILLS

- Problem-solving and analytical thinking
- Communication and user training in BI
- Organization and time management
- Teamwork in agile environments

INTERESTS

- ✓ Data-based decision making
- ✓ Automatic learning
- ✓ Narration and data visualization
- ✓ Web Application Development
- ✓ Predictive modeling & algorithm optimization
- ✓ Building end-to-end ML pipelines

Anna

HIDALGO COSTA

DATA ANALYST

MACHINE LEARNING

TECHNICAL SKILLS

- Languages:** Python (Pandas, NumPy, Matplotlib, Seaborn, Flask), SQL (MySQL, PostgreSQL), JavaScript
- Databases:** SQL (PostgreSQL, MySQL), MongoDB
- Visualization:** Power BI (DAX, Power Query, Data Modeling), Tableau, Excel (dynamic tables, graphs).
- Data Analysis & Engineering:** Exploratory Data Analysis (EDA), Data Cleaning & Wrangling, Feature Engineering, Statistical Modeling
- Machine Learning & AI:** Supervised/Unsupervised Learning, Model Training & Evaluation, NLP
- Cloud & DevOps:** Git, GitHub, AWS
- Methodologies:** Agile (SCRUM, Kanban)

FEATURED PROJECTS

🏆 FINALIST AT THE TALENT ARENA HACKATHON 2025

Data Analysis

- Collaborated with the development team to integrate analysis results into a web application, ensuring accurate and real-time data representation.
- Analyzed and processed large volumes of data related to gentrification trends in specific areas using Python and Pandas.

🎯 ML DIABETES

Data Science Bootcamp

- Built a classifier (XGBoost, 89% accuracy) to predict diabetes risk from clinical data (glucose, BMI, insulin), covering EDA, feature engineering, and hyperparameter tuning.
- Engineered a lightweight Flask web app to enable real-time risk predictions (user-input or batch processing).

📁 EDA LONDON CRIME

Data Analyst Self-Initiated Project

- Exploratory analysis of crime data in London with Power BI and SQL.
- Data modeling in Power Query, optimizing the data query by 40%.

WORK EXPERIENCE

DATA ANALYST (SELF-INITIATED PROJECTS)

Independent | 2024 - Present

- Conducted exploratory data analysis (EDA) on datasets with over 3,000 records using Python and Power BI.
- Designed interactive dashboards in Power BI and Tableau, used by over 100 users.
- Implemented data cleaning and transformation processes in SQL and Power Query, reducing analysis time by 30%.

FRONTEND DEVELOPER

Adopta un Valenciano | November 2024 - January 2025

- Designed and developed a web platform in React to connect volunteers with people affected by natural disasters.
- Implemented activity tracking dashboards using Google Analytics.

HIGH SCHOOL TEACHER

Consorci Barcelona | 2022 - 2025

- Introduced data-driven digital tools, increasing class participation by 15%.
- Designed strategies based on educational analytics, improving student understanding by 25%.

CUSTOMER SERVICE REPRESENTATIVE

ETT | 2015 - 2022

- Achieved a 95% customer satisfaction rate by effectively resolving inquiries.
- Optimized customer service processes with Excel and Power BI dashboards, reducing response times by 30%.