

Pere Caparrós Arnaiz

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EDUCATION

La Salle – Ramon Llull University

Barcelona, Spain

B.Sc. in Data Analytics & Business Intelligence (2nd year)

Sep. 2024 – Jun. 2028

- Relevant coursework: Database Systems (SQL), Data Analysis with R, Statistics, Business Intelligence
- **Average grade (credits-weighted): 8.63/10**; RD 1044/2003 weighted average: **2.37**. 60 ECTS completed in 2024/25.
- Merit-based **scholarship** awarded for **academic performance**.

Institut Montserrat (Bachibac track)

Barcelona, Spain

Spanish Baccalaureate, Technological Sciences

Sep. 2022 – Jun. 2024

EXPERIENCE

CosmoCaixa Museum Guide

2025 – Present

CosmoCaixa Science Museum (Anthesis)

Barcelona, Spain

- Assist visitors with orientation and exhibit information; provide public information and support.
- Collaborate with museum staff and Anthesis team to manage visitor flow and ensure a positive experience.

Global Business Program Participant

Jun. 2025

Pace University

New York, USA

- Worked in a team project using **RStudio** to clean and analyze a NYC public dataset.
- Created a structured report with **visualizations** and **conclusions**, integrating data wrangling and storytelling.
- Earned the U.R.L. La Salle–Pace University Certificate for participation in the program.

Co-founder & Automation Builder

Mar. 2024 – Present

Student Startup – Process Automation with n8n

Barcelona, Spain

- Design automated workflows using **n8n** (email filtering, Airtable triggers, Google Docs/Drive integrations).
- Build **BI-ready pipelines** from Airtable/Sheets/CSV and prototype **AI** agents for document analysis (incl. local Ollama).

Academic Projects

Sep. 2024 – Present

La Salle – Ramon Llull University

Barcelona, Spain

- Projects in **R** (data wrangling, visualization) and **SQL** (queries, joins, window functions).
- Hands-on **Python/Jupyter**: text processing, basic ETL, and data cleaning for class datasets.

PROJECTS

New York Pace University Project — NYC Data Analysis | *R, Quarto, ggplot2, dplyr, tidyverse* Jun. 2025

- Developed during the **La Salle – Ramon Llull University & Pace University (NYC)** Global Business Program.
- Analyzed **NYC emergency incident data** to identify temporal and geographic patterns across boroughs.
- Built a fully reproducible Quarto report with embedded visualizations and published it via **GitHub Pages**.
- **View project:** https://pere-06.github.io/R_Projects/

MiKPI — Dashboard & Chat (SaaS) | *React, TypeScript, Vite, Tailwind, Clerk, Vercel* Jun. 2025 – Present

- Interactive KPI dashboard with **Clerk** auth, multi-language UI, dark/light mode, and an AI chat that generates multi-chart insights with persistence.
- Working toward **multi-tenant** architecture and a **Connections** tab to securely link external data sources (CRM, CSV/Excel, Airtable, Google Sheets).

n8n AI & Docs Automations | *n8n, Airtable, Vector Stores, Ollama (local)*

Apr. 2024 – Present

- Automate Google Docs review reports: detect new Drive files, extract metrics, and insert **graphs** into a templated document.
- Airtable-triggered pipelines; experiments with Vector Store QA tools and **local LLM** integration via Ollama.

Tableau Public Portfolio | *Visualizations, Dashboards*

- **Published dashboards:** <https://public.tableau.com/app/profile/pere.caparr.s/vizzes>

CERTIFICATIONS

- IBM — Business Intelligence BI Analyst (Professional Certificate)** Issued: *Oct. 2025*
- Completed 10 IBM courses covering BI tools, SQL, data analysis, visualization with Tableau, and a practical Capstone project.
 - Certificate: <https://coursera.org/share/78762f5087a55c08ddc9bb88a9bcf49e>
- Udemy — SQL (Certificate)** Issued: *March 2025*
- Relational design fundamentals; SELECTs, joins, subqueries, aggregations, window functions.
- Udemy — n8n & AI Automation (Certificate)** Issued: *March 2025*
- Workflow design in n8n; API integrations; LLM-powered automations and document pipelines.
- Google — AI Certificate (e.g., “AI Essentials”)** Issued: *Sep. 2025*
- Foundations of AI; prompts, ethics, and practical applications for productivity and analysis.

TECHNICAL SKILLS

Languages/Tools: Excel, Python, R, SQL, Tableau, IBM Cognos, JavaScript/TypeScript (basics)
Frameworks: React, Vite, Tailwind, n8n, Node.js, Clerk, Prisma, Supabase/Neon, Vercel, Git, Docker (basics)
Data/ML Libraries: pandas, NumPy, Matplotlib, ggplot2, dplyr, tidyverse
Other: Google Workspace (Docs, Sheets, Drive), Airtable

ADDITIONAL

Languages

- **Spanish** (native), **Catalan** (native), **English** (C1 advanced), **French** (B2)

Summary

- Responsible, organized, and communicative student in **Data Analytics & BI**, focused on practical automations and AI-driven dashboards.

Other

- Driving license: Permit B (less than two years of experience).