



# Jessie Lee Delgadillo Newman

## Data Scientist | Analytics & ML Solutions for Growth

Results-driven data professional with 4+ years of experience in data science, analytics, and engineering. Skilled in building ML models, automating ETL pipelines, and developing data-driven solutions that optimise business performance. Strong expertise in SQL, Python, and cloud technologies. Passionate about problem-solving and AI-driven insights.

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## EMPLOYMENT

### AI Projects & Global Exploration Self-Employed

09/2023 - Present

- **Co-founding Kamaji.co:** Leading development of an AI product recommender MVP using Python (FastAPI), GCP (Cloud Run, Vertex AI LLMs/Vector Search), Docker, and WordPress.
- Developed AI tools (scheduling) and provided pro-bono data consulting (process improvement for NGO).
- Exploring advanced LLM and agent-based architectures through hands-on prototypes and continued learning.

### Data Scientist Reby

06/2021 - 08/2023

- Developed and deployed containerised ML models (XGBoost battery prediction, geospatial clustering) using Docker & Kubernetes on GCP, increasing low-battery rentals by 30% (A/B tested) and optimising battery swap logistics.
- Engineered and optimised Python ETL pipelines, improving data processing efficiency and cutting monthly cloud costs by over €2,000.
- Built embedded analytics dashboards (Flask) empowering city councils with data for informed decision-making.
- Collaborated with Product Managers to translate insights into product roadmap changes.
- Led MLOps architecture initiatives, streamlining cloud processes and optimising resource allocation.

### Data Analyst I-surance

10/2019 - 06/2021

- **Established the company's inaugural data department** from scratch, automating manual ETLs (Python) within the first month to reduce Supply Chain workload by 8 hours/week.
- Designed and implemented an AWS serverless rule-based system, automating claims processing and saving over €7,000 annually.
- Developed ETL processes (Python, SQL) improving financial compliance reporting and stock management accuracy.
- Reduced manual BI reporting by over 4 hours/week through automation.

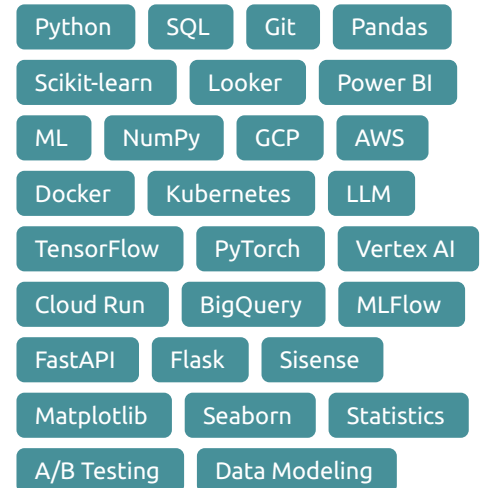
## EDUCATION

### Data Analytics Bootcamp (Full Scholarship - Top 0.05%) Ironhack

02/2019 - 04/2019

- Intensive 9-week program focused on Machine Learning, Data Engineering (ETL, Spark), BI, and statistical analysis using Python (Pandas, Scikit-Learn) & SQL.

## SKILLS



## PERSONAL PROJECTS

### Fashion Recommender (Inditex Hackathon 2025)

- Developed Transformer-based recommender using mixed-precision techniques.

### Data Mentor (HackUPC 2023)

- Mentored student teams on data science projects.

## CERTIFICATES

### Machine Learning Engineer Nanodegree

AWS Scholarship - Top 200 for Self-Driving RL Models

### Google Cloud Certified - Associate Cloud Engineer

## LANGUAGES

English  
*Native Proficiency*

Spanish  
*Native Proficiency*

Catalan  
*Native Proficiency*

## INTERESTS

