Marcello Pichini

Digital Assets, AI & Data Product Leadership

Zürich, Switzerland · LinkedIn · GitHub

PROFILE

Product leader with a hands-on data-science background, combining digital-asset benchmarks, financial data products, and AI. Owns a portfolio of 300+ indices at SIX Group across crypto, global, Swiss, and ESG markets. Previously built NLP and deep-learning systems at IBM and crypto benchmark infrastructure at CheckSig. Co-founder of ./cogita, with ML and generative-AI courses reaching 12,000+ learners.

CORE COMPETENCIES

Digital assets & crypto benchmarks · Financial market data · AI product strategy · NLP & deep learning · LLM & AI-agent workflows · Data pipelines & quality validation · Python · AWS · Product roadmaps · Agile / SAFe

PROFESSIONAL EXPERIENCE

Associate Director, Senior Product Manager | SIX Group

Zürich, Switzerland · 2022 - present

- Contribute to product research and development in financial services.
  Support market analysis and product documentation.

- Built and own data pipelines analysing transactional and order-book data from multiple sources to validate index calculation quality, covering ingestion, normalisation and automated quality control.
- Own the product roadmap end to end for 300+ indices across four families (crypto, global, Swiss, ESG), launching two of them - data-intensive products where methodology, data quality and computation are the product.
- Led the integration of a new index calculation platform, migrating 100+ indices onto it and then scaling the portfolio to 300+ indices in production - tripling output on the same data infrastructure.
- Product Owner for a six-person cross-functional delivery team, translating between engineering, quantitative research and commercial stakeholders through the SAFe framework.
- Improved product development processes and delivery.
- Act as product subject-matter expert for institutional clients across APAC and North America.

Data Scientist | IBM

Milan, Italy · 2021 - 2022

- Led the development and launch of multiple AI/ML proofs of concept - conversational AI assistants, NLP-based chatbots, computer vision - for top-tier financial services and payments institutions, from problem framing through to client validation.
- Architected big-data pipelines and ML models (NLP, deep learning) in cloud environments, moving models from experiment to deployable service.

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Experience, education & impact

Data Scientist, Digital Assets & Blockchain | CheckSig (crypto custody provider)

Milan, Italy · 2019 - 2021

- Designed and engineered a scalable crypto-asset benchmark, owning both the quantitative methodology and the technical design.
- Pioneered the data architecture using REST APIs and MongoDB; managed AWS infrastructure and ETL workflows.
- Built systems connecting to multiple exchange and market-data APIs to ingest and process high-frequency market data.
- Established quantitative and testing foundations using pytest, NumPy and Pandas.

Co-Founder | ./cogita (non-profit)

Teramo, Italy (remote) · 2022 - present

- Designed and delivered ML and generative-AI courses, including introductory LLM workshops, reaching 12,000+ learners - translating complex AI concepts for non-technical audiences.
- Lead a team of 12 across volunteers and employees, owning budget planning, forecasting and resource allocation.
- Secured €500,000 in funding from the NextGenerationEU Fund.

EDUCATION

M.Sc. Data Science - University of Milano-Bicocca, Italy · 108/110 · Thesis: Transformers (LLM) for automated Q&A

M.Sc. FinTech - LUMSA University, Italy · 107/110

B.Sc. Management & Marketing - University of Bologna, Italy / Rotterdam University of Applied Sciences, Netherlands · 94/110

AWARDS & CERTIFICATIONS

NOVA 111 - Best Under 35 in Italy, Finance & Payments · SAFe Certification (Scaled Agile for Teams) · Generative AI with LLMs, DeepLearning.AI

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