

Filippo Scotti

Milan, Italy

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SUMMARY

Data and Analytics Engineer with 5+ years of experience building analytical data products, cloud data platforms, and reliable ingestion pipelines. I work across data integration, transformation, and modeling, using Python, SQL, dbt, and modern cloud platforms to turn complex operational data into consistent, usable datasets.

WORK EXPERIENCE

Data Engineer

10/2025 – Present

Compri AI - Milan, Italy

- Building the core AWS data platform that integrates heterogeneous procurement and ERP data into unified, analytics- and AI-ready datasets.
- Contributing to the design and implementation of a common data model that standardizes data from different source systems while preserving their business meaning.
- Developing modular data transformations with dbt Core, with an emphasis on data quality, maintainability, and reliable downstream consumption.

stack SQL, Python, dbt Core, AWS, Airflow

Data Engineer

10/2023 – 09/2025

illimity / Altermaind - Milan, Italy

- Designed lakehouse components and a custom Unity Catalog sync system to support catalog geo-replication across environments.
- Owned MongoDB data modeling for an internal AI management product, designing operational and pre-aggregated analytical structures that reduced calculation latency by approximately 95%.
- Developed ETL and CDC pipelines between MongoDB and external systems to ensure reliable data synchronization.

stack SQL, Python, Databricks, Spark, MongoDB, Microsoft Azure, Kafka

Data Engineer

04/2022 – 09/2023

NTT Data - Milan, Italy

- Built a custom Java data-processing application using functional programming patterns to parse deeply nested fixed-width, CSV, and XML files from legacy telecommunications systems, with individual files containing millions of records.
- Developed and maintained batch and streaming ingestion pipelines that processed billions of data points into cloud data warehouse systems.

stack SQL, Python, BigQuery, Google Cloud Platform, Java, Kafka, Airflow

Data Analyst

10/2020 – 03/2022

GroupM - Milan, Italy

- Automated BigQuery and Looker Studio reporting across 5 DSPs, replacing Excel workflows and increasing refresh frequency from every 2-3 days to daily.

stack SQL, Dataform, BigQuery, Google Cloud Platform, Looker Studio, Power BI

EDUCATION

Master's Degree, Communication and Media Studies

2018 – 2020

Università degli Studi di Milano - Milan, Italy

Used Python to collect and analyze Twitter data for a thesis on political communication and social media dynamics.

Bachelor's Degree, Modern Literature

2015 – 2018

Università degli Studi di Milano - Milan, Italy

Thesis on generative morphology and computational linguistics.

CERTIFICATIONS

MongoDB Certified Associate Data Modeler - 2025

Google Cloud Professional Data Engineer - 2023

VOLUNTEERING

Educator, AGESCI

2016 - Present

Volunteer educator using the Scout method, leading youth activities and coordinating teams.