



FAËMEH SALMANI

Data Engineer | Paris, France

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Data Engineer with experience building cloud-based batch and streaming pipelines across data engineering, data science and analytics environments. Proficient in Python, SQL, GCP, Airflow, Spark, Kafka, dbt and Terraform, with hands-on experience covering ingestion, transformation, data quality, infrastructure and analytics delivery.

EXPERIENCE

DATA ENGINEER

Mercor | San Francisco, US

2026 – PRESENT

- Built batch and streaming data pipelines using Python, SQL, Airflow, Spark, and Kafka.
- Developed cloud-based data infrastructure on GCP, using GCS and BigQuery.
- Built and tested data models with dbt, implementing data quality checks and pipeline monitoring.
- Managed infrastructure with Terraform and contributed to CI/CD pipelines for automated testing and reliable deployments.

DATA ENGINEER / SCIENTIST

École des ponts ParisTech | Paris, France

2024 – 2026

- Built an end-to-end ETL data pipeline processing of more than 6.35 million Paris Vélib availability and weather records.
- Developed Python ingestion workflows using Parquet, Google Cloud Storage and BigQuery to deliver analytics ready datasets.
- Created dbt models for station performance, capacity utilization, network trends and weather-related demand analysis.
- Managed cloud infrastructure with Terraform and developed Looker Studio dashboards for analysis and planning.

DATA SCIENTIST

Delante| Kraków, Poland

2020 – 2022

- Developed Random Forest and regression models to predict customer conversion and campaign performance.
- Applied ARIMA time-series and K-Means for performance forecasting and customer segmentation.
- Implemented anomaly detection using Isolation Forest to identify unusual patterns.

DATA ANALYST

Adro Ad Exchange | Tehran, Iran

2018 – 2020

- Analyzed marketing datasets using SQL, Google BigQuery, and Python to support business performance analysis.
 - Monitored key marketing KPIs to identify campaign performance trends, anomalies, and optimization opportunities.
 - Developed Looker Studio dashboards to track advertising performance and provide stakeholders with actionable insights.
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PUBLICATIONS

Kouma, C., Salmani, F., & Tuncer, D. (2025). PRIMO-Scrap: Towards automating the cartography of smartphone apps for mobility. HAL Open Archive: <https://hal.science/hal-05350428>

EDUCATION

MASTER'S IN DATA SCIENCE

Conservatoire national des arts et métiers (CNAM), Paris, France | 2022 – 2024

BACHELOR'S IN COMPUTER SCIENCE

University of Mazandaran, Iran | 2015 – 2018

SKILLS

- Python (Pandas, PySpark, PyArrow, SQLAlchemy)
 - SQL
 - Airflow
 - Docker
 - ETL/ELT
 - Looker Studio
 - Google Cloud Platform (GCS, BigQuery)
 - Spark, Kafka
 - dbt
 - Terraform
 - CI/CD
 - Git & GitHub
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LANGUAGES

- English: Fluent
 - French: Upper-Intermediate
 - Persian: Native
 - Spanish: Beginner
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