

Alireza Hanifi

Data Engineer | BI Developer

Tehran, Iran | (+98) 938-338-5818 | alrzhhanifi@gmail.com
linkedin.com/in/Alireza-Hanifi | github.com/AlirezaHanifi | AlirezaHanifi.github.io

ABOUT ME

With a background in BI, I approach data engineering with a product mindset—focused on building pipelines and platforms that deliver impact. My analytics experience shapes how I understand data, and my passion for software engineering drives me to design solutions scalable, maintainable, and aligned with business goals.

EXPERIENCE

Bankino

Tehran, Iran

Data Engineer

Sep 2024 - Present

- Designing and implementing a modern data warehouse with Airflow, MinIO, Apache Superset, and Oracle.
- Led requirements gathering sessions with key stakeholders, ensuring alignment with data objectives and translating business needs into technical specifications.
- Structured and organized Metabase dashboards, enhancing the visibility of high-level metrics and ensuring accurate data representation, leading to improved decision-making.
- Responding to ad hoc data requests and conducting analyses to support business functions.

blu Bank

Tehran, Iran

Business Intelligence Developer

Jan 2024 - Aug 2024 (8 mos)

- Built and improved Airflow pipelines (20+ DAGs, 40+ tables) and implemented a star schema for efficient data analysis.
- Optimized PostgreSQL performance with indexing and storage strategies, reducing table sizes by up to 80% and improving query response times by up to 50%.
- Developed Metabase dashboards and defined key metrics, providing product managers with actionable insights for the Box and PFM sections, leading to nearly 100% new user acquisition for these features within 3 months.
- Enhanced marketing campaign effectiveness through pre-launch validation, in-campaign monitoring, and post-campaign analysis, resulting in a 2% increase in deposits with the round-up campaign.
- Collaborated effectively with cross-functional teams to ensure alignment on data requirements and interpretations, fostering data-driven decision-making across departments.

Mofid Securities

Tehran, Iran

Business Intelligence Analyst

Jul 2022 - Dec 2023 (1 yr 6 mos)

- Revamped and implemented data models and algorithms to clean, transform, and validate data, reducing daily workload by up to 2 hours.
- Designed and managed 50+ dashboards using tools like Tableau and Grafana, effectively communicating complex data insights.
- Partnered with cross-functional teams to define data needs and interpret results, facilitating data-driven decision-making.

EDUCATION

Isfahan University of Technology

Isfahan, Iran

B.Sc. in Mechanical Engineering

Sep 2015 - Feb 2020

TECHNICAL SKILLS

Languages: Python (FastAPI, Matplotlib, NumPy, Pandas, Polars, Seaborn), SQL, Bash

Data Technologies: Airflow, Kafka, PostgreSQL, Oracle, ClickHouse, MongoDB, Minio

Data Engineering: ETL, Data Modeling and Design, Performance Tuning

Tools: Docker, Git, Grafana, Tableau, Confluence, Jira, Trello

Additional: Machine Learning, Data Analysis and Visualization, Reporting

Languages: English (Fluent), Persian (Native)

COURSES

Data Engineering Bootcamp (Rahnema College) [Certified]

Introduction to Data Engineering by Joe Reis (Coursera) [Certified]

Deep Learning Specialization by Andrew Ng (Coursera) [Certified]

Machine Learning with Python by Jodi (Maktabkhooneh) [Certified]

Digital Product Management (Bozhan)