



CONTACT

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Potsdam, Germany



PROFILE

Data Analyst with 4+ years of experience transforming complex datasets into scalable insights for business decision-making. Skilled in **SQL, Python, ETL pipelines**, data modeling, and BI tools. Experienced in building clean, **sustainable data models**, automating reporting workflows, and ensuring data quality across multi-source systems. Passionate about using data to drive growth and improve performance in fast-paced environments

EDUCATION

Uni. of Potsdam, Germany | 2021 – 2024

Ph.D., Geosciences (Data Analytics)

Uni. of Oulu, Finland | 2017 – 2019

M.Sc. in Environmental Engineering

Free Uni. of Esfahan, Iran | 2010 – 2016

B.Sc. in Civil Engineering

TECHNICAL SKILLS

Process & BI Analytics: Power BI (dashboard development, KPI reporting, data modeling – working knowledge), Tableau, Streamlit

Data Analysis: Advanced SQL (PostgreSQL, MySQL), Python (pandas, NumPy), Trend analysis, Anomaly detection, Regression analysis

Data Modeling & Engineering: Relational data modeling, ETL pipelines, data validation

Tools & Collaboration: Git, APIs, basic Docker, Jira (familiarity), Stakeholder requirements translation & documentation

Excel: Advanced formulas, Pivot Tables, structured reporting (basic VBA familiarity)

TRAININGS

Data Analytics Program

CareerFoundry | Jun 2025 – Jan 2026

Python, SQL, Tableau, statistics, dashboard design, portfolio development

Moein Mellat

Analytics / Data Analyst | SQL, Python, BI

PROFESSIONAL EXPERIENCE

Data Analyst (Researcher), Alfred Wegener Institute for Polar & Marine Research, Potsdam, Germany

January 2021 – June 2024

- Analyzed environmental & operational datasets using **SQL and Python** to deliver **KPIs and performance insights** for internal stakeholders.
- Supported **business & operational reporting** by delivering reliable **KPI datasets & Power BI-ready outputs** used for recurring performance reviews.
- Built & optimized **data models and ETL pipeline**, improving data reliability and reducing manual reporting effort by **~40%**.
- Produced **recurring and ad-hoc reports** for senior stakeholders, ensuring consistency, traceability, and data reconciliation across reporting cycles.
- Ensured **data quality and consistency** by implementing validation checks and documentation of metric definitions.

Data Analyst, WSL Institute SLF, Davos, Switzerland

August 2022 - October 2022

- Designed automated **data processing, validation, and quality checks** for high-frequency operational datasets.
- Improved data consistency and reduced recurring data issues by **~30%** enabling **reliable downstream analytics and BI reporting**.
- Delivered **analysis-ready datasets** used by analytics teams for reporting and modeling.

Junior Data Analyst (Process Analytics), University of Oulu, Oulu, Finland

January 2019 - December 2020

- Integrated and analyzed data from **30+ heterogeneous sources** to support long-term performance monitoring and comparative analysis.
- Automated recurring analytics workflows, reducing reporting effort by **~35%**
- Supported stakeholders with **structured reports and dashboards** for operational & analytical use..

Consulting Project Manager, A.A.I. Design Co., Esfahan, Iran

October 2015 - July 2017

DATA ANALYTICS PROJECTS

Urban Mobility Analytics Platform – ETL, KPIs, Forecasting |  

Python, SQL, Streamlit

- Built automated **ETL pipelines** processing **15M+ trip records**, integrating APIs and relational databases.
- Defined & monitored **core KPIs** related to **demand, utilization, and operational performance**.
- Developed **interactive dashboards** enabling self-service analytics, scenario analysis, and real-time exploration of mobility trends.

Global Well-Being Predictive Modelling – Regression + BI Dashboard |  

Python, SQL, Tableau

- Performed regression analysis on datasets from **150+ countries** to identify key socio-economic drivers.
- Designed **comparative KPIs and trend metrics** for cross-country benchmarking.
- Built an **interactive BI dashboard** in Tableau supporting stakeholder-driven exploratory analysis.