

Hossein Golmohammadi

+61412077902
hossein.glimm@gmail.com
<https://hprojects.dev>
<https://www.linkedin.com/in/hossein-glm>
<https://github.com/Hosseinglm>
Sydney, NSW
Australian Permanent Residence

I am an experienced Data Scientist/Analyst with expertise across multiple industries, specializing in both on-premise and cloud technologies such as AWS, Azure, and GCP. I excel in designing and implementing solutions for the ingestion, processing, and analysis of large datasets. With experience in statistical analysis, I build predictive models to optimize business processes. My IT and Data Science education, combined with proficiency in Python, SQL, and visualization tools, equips me to address complex data challenges and drive impactful results.

Work Experience

■ LARKIN

Data Scientist

Larkin Company provides data science solutions and services to external businesses across various sectors in the U.S.

Jun 2023 to Present (Remote)

- Designed and validated predictive models (e.g., logistic regression, classification) using Python and Scikit-learn, applying cross-validation techniques and documenting model assumptions for reproducibility.
 - Built an automated, end-to-end ETL pipeline for structured data ingestion and transformation; optimized cloud storage and compute resources on AWS.
 - Conducted exploratory data analysis (EDA) to support data-driven recommendations on audience targeting, channel mix optimization, and budget allocation.
 - Developed NLP pipelines (sentiment analysis, clustering, topic modeling) for customer segmentation.
 - Conducted exploratory analysis to support recommendations for audience targeting, channel mix optimization, and budget adjustments.
 - Contributed to a digital marketing project for a retail client, supporting the data science team in evaluating source/medium campaign performance across multiple channels such as GAds, GA, Facebook, and third-party platforms.
 - Create interactive dashboards in Power BI, Amazon QuickSight, and Tableau to visualize campaign ROI, engagement trends, and customer segments for executive stakeholders.
- **Key Tools & Techniques:** Python, SQL, R, Scikit-learn, EDA, ETL, NLP, LLM, AWS SageMaker, Power BI, Tableau, AWS, Azure, Predictive Modeling, Attribution Analysis, Digital Marketing KPIs.

📎 Project Samples (Portfolio Links)

- AI-Powered Psychologist (NLP Mental Health Assistant): [Live Demo](#)
- DataOps Monitoring Platform: [Live Demo](#)
- Full Portfolio: hprojects.dev



Data Analyst

Roshan Rooz Company, the largest Iran Stone Information Center, and the main holder of Iran's Stone Book. Provides digital marketing, data analysis for sales and marketing, and production tailored for this sector.

April 2019 to December 2021 (2 years, 9 months)

- Designed and developed data models and reports for sales, marketing, and production teams using SQL, Python, and Power BI.
- Automated the full data lifecycle: ingestion, annotation, transformation, and visualization of sales/marketing and operational datasets.
- Conducted EDA and built dashboards to visualize KPIs (CTR, CPC, CPM, ROI), boosting decision-making for SEO/SEM efforts.
- Automated data collection and cleaning processes, reducing report generation time by 50%.
- Achieved a 12.5% reduction in material waste and over 90% increase in average annual production through improved data integration and operational analytics.
- Developed API integrations with marketing platforms and performed large-scale KPI tracking for campaign performance.

Key Tools & Techniques: AWS, SQL, Python, Power BI, Google Analytics, Tableau, BigQuery, Looker, SEO/SEM KPI analysis, API Integration.



Data Analyst

Mobinnet Telecommunication Company is one of Iran's largest Wireless Broadband Network operators.

April 2017 to April 2019 (2 years)

- Developed automated dashboards and reports for marketing and sales units using Power BI, Google Data Studio, and DAX.
- Created actionable KPIs (churn, CLV, CPL, conversion rate) to support lead generation and retention efforts.
- Conducted performance analysis on digital campaigns, helping improve targeting and reduce cost per lead.
- Used SQL and Python for customer data analysis, leading to better product bundling and pricing decisions.

Key Tools & Techniques: Power BI, DAX, SQL, Python, Digital Channel Analytics, Web Traffic Analysis, Churn Modeling

Relevant Skills

- Languages: Python, R, SQL, HTML, CSS
- Tools & Platforms: SQL, PostgreSQL, Power BI, Tableau, Looker, Google BigQuery, AWS, Azure, GCP
- Techniques: Supervised/Unsupervised Learning, Attribution Modeling, Predictive Analytics, Regression Models, Customer Segmentation, NLP, LLM
- Other: Data Warehousing, ETL Automation, Statistical Modeling

Education History



Master of Data Science

Institution: University of Malaya (UM)

Year of Graduation: 2023



Bachelor of Information Technology

Institution: University of Applied Science and Technology (UAST)

Year of Graduation: 2017