

Hossein Golmohammadi

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Sydney, NSW
Australian Permanent Residence

I am an experienced Data Analyst/Scientist 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



Data Scientist

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

Jun 2023 to Present (Remote)

- Contributed to a digital marketing project for a U.S. retail client, supporting the data science team in evaluating media campaign performance across multiple channels (Google Ads, Facebook, Email).
- Assisted in the development and validation of predictive models using Python and Scikit-learn.
- Developed an automated end-to-end ETL/data transformation flow; managed and optimized cloud storage and compute for data.
- Conducted exploratory analysis to support recommendations for audience targeting, channel mix optimization, and budget adjustments.
- Developed NLP and ML models for sentiment analysis and customer segmentation.
- Developed performance dashboards using Power BI, QuickSight, and Tableau to visualize customer segments, campaign ROI, and engagement trends, which were presented to client stakeholders.

Key Tools & Techniques: Python, SQL, R, AWS SageMaker, Power BI, QuickSight, G BigQuery, Predictive Modeling, Attribution Analysis, EDA, NLP, LLM, Digital Marketing KPIs.



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.

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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