

Khaled Iskandarani

Junior Data Analyst | BI Developer

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🐙 GitHub Portfolio: github.com/khaledIskandarani1

Professional Summary

Data Analyst skilled in transforming complex data into actionable business insights through data visualization, statistical modeling, and interactive dashboards. Experienced in predictive analytics, KPI reporting, and customer segmentation using Python, R, SQL, and Power BI. Built forecasting models with over 80% accuracy and optimized reporting workflows with ETL. Passionate about driving data-driven decision making and improving business intelligence capabilities.

Technical Skills

- **Languages & Tools:** Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn), R (dplyr, ggplot2), SQL (MySQL, T-SQL)
 - **BI & Visualization:** Power BI, Tableau, Streamlit
 - **Core Skills:** Data Cleaning, Statistical Modeling, Predictive Analytics, Time Series Analysis, A/B Testing, Dashboard Design, Advanced Excel
 - **Workflow & Ops:** ETL, Data Modeling, Business Intelligence, KPI Reporting
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Experience

Data Science & Business Analytics

The Spark Foundation — Dec 2023 – Jan 2024

- Conducted EDA on IPL dataset using Python, identifying key performance metrics across teams and players.
- Created interactive Power BI dashboards to visualize Superstore sales, uncovering regional disparities.
- Presented insights that improved profit margin strategies.

Data Analyst Intern

Boom Construction Company, Doha, Qatar — Jun 2023 – Dec 2023

- Designed Power BI dashboards to uncover sales trends, customer behaviors, and underperforming segments.

- Implemented strategies that improved reseller retention and performance by 80%.
- Collaborated with cross-functional teams to align insights with business objectives.

Web Developer

BinaryFlaw — Jan 2021 – Feb 2022

- Managed and optimized SQL databases supporting internal tools and applications.
 - Led a data migration project with zero data loss and minimal downtime.
 - Enhanced backend performance through SQL query optimization and automation.
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Projects (Selected)

(More available on [GitHub](#))

◆ Medical Insurance Cost Prediction | Oct 2024

- Engineered a regression model predicting heart disease with **88% accuracy**.
- Analyzed data from **303 patients**, identifying key risk factors like chest pain and heart rate.
- Developed a **Tableau dashboard** to visualize risk patterns and demographic trends.

Tools: Python (Pandas, Matplotlib, NumPy, Seaborn) | GitHub: [ABC-Insurance](#)

◆ Restaurant Recommendation System | Nov 2024

- Implemented a content-based engine in **R**, utilizing ratings and cuisine preferences.
- Identified key satisfaction predictors: delivery time, booking options, and cuisine variety.
- Developed a regression model with strong statistical significance (F-stat: 509.1, $p < 2.2e-16$).

Tools: R | GitHub: [Capstone Project](#)

Education

Bachelor of Science in Computer Science

American University of Science and Technology — Dec 2015 – Jun 2019

- Relevant Coursework: Statistics, Data Structures and Algorithms, Machine Learning, Probability and Statistics

Certifications

- Python 101 for Data Science – IBM, Nov 2023 | [IBM](#)
- Power BI: Beginner to Advanced – Udemy, Nov 2023 | [Power BI](#)
- Excel: Beginner to Advanced – Udemy, Nov 2023 | [Excel](#)
- Data Analyst Program – Simplilearn, Nov 2024 | [Simplilearn](#)

Languages

- English (Fluent)
- Arabic (Native)

Honors & Recommendations

- Letter of Recommendation – *Pranav Dubey, The Spark Foundation*
- Letter of Recommendation – *Mohammed Ali Hosho, Boom Construction Company*