Mohammed Khalifa

Data Analyst | Business Analyst

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Professional Summary

I am a detail-oriented analyst and master's candidate in Financial Engineering, complementing an MBA in Business Analytics. Possesses a unique blend of advanced quantitative skills and business acumen, with a proven ability to leverage data for revenue growth and operational efficiency. Highly proficient in Python, SQL, Tableau, and Power BI, with hands-on experience in statistical modeling and developing data-driven strategies in a corporate environment.

Skills:

Technical Skills:

- **Programming:** Python, R, SQL
- **Data Visualization:** Excel, Tableau, Power BI
- **Data Analysis & Modeling:** Data cleaning, Statistical modeling, Forecasting, Trend analysis, Business intelligence
- **Software & Tools:** Advanced Excel, SAS, Microsoft Office Suite, Google Workspace

Analytical & Soft Skills:

- **Analytical Skills:** Problem-solving, Critical thinking, Data interpretation, Quantitative analysis
- **Soft Skills:** Effective communication, Collaboration, Presentation, Project management

Work History:

Juffali Air Conditioning and Home Appliances Salesman | Juffali *Jan 2020 - Current*

- Leveraged data analysis to track sales trends and identify customer needs, leading to the development of targeted sales strategies.
- Utilized data insights to exceed monthly sales targets by 25%, generating an additional SAR 350,000 in revenue.
- Improved inventory management processes by analyzing spare parts data, ensuring 98% product availability and reducing customer wait times by 95%.

- Interpreted sales data and market trends to develop new strategies, capturing a 10% market share within one year.

English Language Teacher | Ethiopian International School, Jeddah *Sep 2016 - Aug 2020*

- Analyzed student performance data to identify learning gaps and tailor instructional strategies, improving average test scores by 15%.
- Developed quantitative and qualitative assessment methods to track student progress and measure curriculum effectiveness.
- Managed all classroom administrative tasks, including scheduling and record keeping.

Key Projects & Capstones:

Google Advanced Data Analytics Capstone:

- Executed a comprehensive data analysis project, applying advanced techniques in data cleaning, transformation, and analysis to solve a complex business problem.
- Developed predictive models and communicated findings through advanced visualizations in Tableau.

IBM Data Analyst Capstone Project:

- Completed an end-of-end data analysis project involving data collection, wrangling, exploration data analysis, and model building using Python and SQL.
- Presented results in a detailed report with actionable recommendations.

IBM Applied Data Science Capstone:

- Engineered a full data science project, from problem formulation to model deployment. Utilized machine learning libraries (e.g., Scikit-learn) to build and evaluate predictive models.

Education:

Worldquant University *MSc in Financial Engineering Oct 2025 - Present*

O.P. Jindal Global University – India *MBA in Business Analytics Jun 2024 - Present*

Bahir Dar University – Bahir Dar, Ethiopia *Bachelor of Arts in English: English Language and Literature Sep 2010 - May 2014*

Certifications:

Data Analysis Certifications:

- Google Data Analytics Professional Certificate
- IBM Data Analyst Professional Certificate
- SAS Visual Business Analytics Professional Certificate
- SAS Statistical Business Analyst Professional Certificate
- Google Business Intelligence Professional Certificate

Additional Professional Certifications:

A comprehensive list of additional certifications in Cybersecurity, IT Support, Project Management, and Cloud Computing is available upon request.