

Mohamed Atwan

DATA ANALYST, BI ANALYST

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Brief About Me

I am a seasoned data analyst, adept in Excel, Power BI, Python visualization libraries, SQL, and Azure platform. My proficiency lies in extracting actionable insights crucial for strategic decision-making. With a robust background in database management and analytics, I streamline complex datasets to unveil invaluable intelligence. I am committed to driving organizational success through data-driven strategies that resonate with stakeholders.

Skills & abilities

- **Data Analysis**
- **Data Wrangling**
- **Data Cleaning**
- **Statistical Analysis**
- **Python [Pandas, NumPy, Matplotlib, Seaborn]**
- **SQL [T-SQL, DQL, DDL, DML]**
- **Data Visualization**
- **Power BI**
- **Excel (Pivot Tables, Power Query)**
- **Tableau**
- **Microsoft Tools For Analysis**
- **[SSMS, SSIS, SSAS, SSRS]**
- **SQL Database Design**
- **Data Modeling**
- **Azure SQL Database**
- **Business Intelligence**
- **Dashboard Building**
- **Storytelling with Data**
- **Problem Solving**
- **Trend Analysis**

Experience

ITA | Trainee Data Analyst

Aug -2023 / Oct - 2023

- Work On Real Problems with A Team And Extracting Good Insights For The Company In Making Critical Decision Making
- Making A Graduate Project That Apply All tools I learned and the Notes I Noticed it from our Instructor
- Gaining The Data Analytics Mindset

Microsoft Learn Student Ambassador | Database Administrator

Sep - 2023 / Apr-2024

- Spearheading the development and meticulous management of the club's database infrastructure.
- Architecting and refining database schemas to optimize performance and enhance data integrity.
- Implementing tracking mechanisms to monitor database usage and ensure seamless functionality.
- Collaborating closely with club stakeholders to understand requirements and tailor database solutions to meet evolving needs.
- Providing proactive support and troubleshooting to resolve database issues promptly and minimize downtime.
- Contributing to knowledge sharing initiatives within the Microsoft Learn community to foster learning and growth.

Courses

Database Fundamentals – ITI Mahara Tech	Sep, 2021
Python Programming Basics – ITI Mahara Tech	Oct, 2021
Assessment for Data Analysis and Visualization Foundations – IBM	Oct, 2023
Introduction to Data Analytics – IBM	Oct, 2023
Excel Basics for Data Analysis – IBM	Oct, 2023
Data Visualization and Dashboards with Excel and Cognos – IBM	Oct, 2023
Python for Data Science, AI & Development – IBM	Dec, 2023
Machine Learning Specialization – Stanford University & DeepLearning.AI	Apr, 2024

Projects

- 1) **Sales Data Analysis for Retail Performance Optimization**
Tools & Technologies: Excel, SQL, Power BI
- 2) **Customer Segmentation for Personalized Marketing**
Tools & Technologies: Python (Pandas, NumPy), SQL, Power BI
- 3) **Financial Data Analysis for Budget Optimization**
Tools & Technologies: Excel, SQL, Power BI
- 4) **Customer Churn Analysis for Telecom Industry**
Tools & Technologies: Python (Pandas, Scikit-learn), SQL, Power BI
- 5) **Market Basket Analysis for E-commerce Product Recommendations**
Tools & Technologies: Python (Pandas, Apriori algorithm), SQL, Power BI

Education

Kafr Elsheikh University, Bachelor of Science in Artificial Intelligence **Graduating in Aug, 2025**
With Specialized coursework in Machine Learning, Deep Learning, Data Science, and Data Analysis