







Ali Mohamed Ali

Data Analysis | BI Developer | Data Scientist

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PROFESSIONAL SUMMARY

Student at faculty of computers and information Majoring in Data Science. Data Analyst with hands-on experience in SQL, Python, Excel, Power BI, and Tableau. Skilled in data analytics, data visualization, machine learning, and deep with deep knowledge in Power BI and Python. A fast learner seeking knowledge of new processes and an excellent practitioner at pattern recognition, attention to detail, and analytical thinking.

Work experience

Data Analysis Skills for the Freelance Professional National Telecommunication Institute (NTI)

Nov 2024 – Jan 2025

- Developed expertise in using data analysis tools such as Python, Excel, Power BI, and SQL to support freelance professionals in decision-making.
- Conducted data cleaning, processing, and visualization to create meaningful insights for business optimization.
- Utilized Python for automation and data manipulation, Excel for advanced reporting, Power BI for creating interactive dashboards, and SQL for querying databases
- Contributed to various projects by applying analytical skills to improve workflow and business strategies.

Upwork, Mostaq, Khamsat | Freelance Data Analyst

Dec 2024 - Current

- Designed and delivered dashboards and insights using Power BI, Tableau, SQL, and Python for diverse industries.
- Improved operational efficiencies and decision-making through advanced analytics and stakeholder-focused communication.

Entrepreneurship and Innovation (ITIDA)

Aug 2024 – Sep 2024

- Gained foundational knowledge of entrepreneurship and innovation concepts.
- Contributed to developing project ideas, conducting market research, and analyzing findings.
- Executed training projects that included preparing business plans and innovative business models.
- Learned to apply data analysis tools like Excel to support decision-making and manage operations.

Data Analysis Using Excel Program (CREATIVA)

Oct 2023 – Dec 2023

- Acquired skills in data management and analysis through Excel.
- Conducted projects focused on data analysis, report generation, and workflow automation.
- Utilized advanced Excel formulas and functions to improve efficiency and productivity.

Certifications & Courses

- **Coursera:** Completion Certificate for Machine Learning, Supervised Machine Learning: Regression and Classification, Unsupervised Learning, Recommenders, Reinforcement Learning, Advanced Learning Algorithms.
- **365 Data Science:** Certificate of completion - The Machine Learning Process A-Z, Certificate of completion – Mathematics, Certificate of completion – Probability, Certificate of completion – Statistics.
- **Udemy:** Mastering Python, Pandas, NumPy for Absolute Beginners, Time Intelligent Functions Using DAX in Power BI, Python Programming Language (Practice Projects), Fundamental Course: Digital Marketing 101 (From A to Z), Thinking Like an Analyst.
- **National Telecommunication Institute (NTI):** Data Analysis Skills for the Freelance Professional.
- **Corporate Finance Institute (CFI):** Excel Fundamentals – Formulas for Finance, Accounting Fundamentals, Corporate Finance Fundamentals, Analyzing Growth Drivers & Business Risks.
- **Cisco:** CCNAv7: Introduction to Networks, CCNA: Switching, Routing, and Wireless Essentials.
- **SQLBI:** Introducing DAX.

Projects

- **Adventure works Analysis Dashboard:** *(Technologies: Power BI, SQL)* [GitHub Demo](#)
This project was the data set Adventure Works and the use of Power bi and SQL the most important KPIs % Customer Retention Rate, Revenue, Sales by Some Period Last Years
SWOT Analysis, PESTEL Analysis, On Time Orders, Total Orders Ship, Total Orders Due.
- **Bike store Analysis Dashboard:** *(Technologies: Power BI, Python,Sqlite3)* [GitHub Demo](#)
This project was the data set bike store and the use of Power bi and Python (pandas,sqlite3,matplotlib,numpy)the most important KPIs % Customer Retention Rate, Revenue Sales by Some Period Last Years, % Net Profit Margin.
- **E-commerce Customers Analysis Dashboard:** *(Technologies: Power BI, Python)* [GitHub Demo](#)
This project was the data set E-commerce Customer and the use of Power bi and Python (pandas)
The most important KPIs % Return on Investment, Revenue, Profit, Sales by Some Period Last Years
% Net Profit Margin, % Margin.
- **Startup-Expansion Dashboard:** *(Technologies: Power BI)* [GitHub Demo](#)
This project was the data set startup-expansion and the use of Power bi and Python (pandas)
the most important KPIs Revenue, Profit, COGS, % Net Profit Margin, % Margin
% Return on Investment.
- **Work-Sales Dashboard:** *(Technologies: Excel)* [GitHub Demo](#)
This project was the data set Work Sales and the use of Excel the most important KPIs Revenue Profit, COGS, Number of Transaction, Number of Customer, profit pro Customer, Profit pro Order Profit pro Product, % Net Profit Margin, % Margin, % Return on Investment, % Rate of Adoption.

Technical Skills

- **Data Visualization:** Power BI, Tableau, Excel
- **Programming:** Python, R
- **Data Management:** ETL, Data Cleaning, Transformation, Modeling
- **Databases:** PostgreSQL, MySQL, Microsoft SQL Server, Oracle, Google Big Query
- **Tools & Technologies:** DAX, Power Query, Git, Power Pivot
- **Business Intelligence:** Accounting Fundamentals, Corporate Finance Fundamentals
- **Other Skills:** Statistical Analysis, Exploratory Data Analysis (EDA), Stakeholder Communication

Education

THE EGYPTION E-LEARNING UNIVERSITY | BSc. in Computer Science

Sadat City, Menoufia, Egypt | 10.2022 - 08.2026

Soft skills

Problem Solving | Strong Analytical | Visualization Skill | Team Collaboration | Attention to Detail | Other skill

Language

Bilingual (Arabic & English)