

Abdulahman Almashwadi

Junior Data Analyst

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PROFESSIONAL SUMMARY

Detail-oriented Data Analyst skilled in SQL, Python, Power BI, and Excel. Experienced in end-to-end dashboard development, data cleaning, and business intelligence reporting to transform raw data into actionable insights. Strong communicator with a passion for driving data-informed decisions that demonstrably improve business performance and efficiency.

TECHNICAL SKILLS

- Programming & Databases:** Python (Pandas, NumPy), SQL, MySQL Workbench
- Visualization & BI:** Power BI, Tableau, Excel (PivotTables, Power Query), Matplotlib
- Tools & Environments:** Jupyter Notebook, VS Code, MS Office 365, ChatGPT (Prompt Engineering)
- Analytical Concepts:** Descriptive Analytics, Hypothesis Testing, Trend Analysis

SOFT SKILLS

Analytical Thinking | Data Storytelling | Problem Solving | Collaboration | Effective Communication

EDUCATION

Bachelor of Computer Science: Faculty of Computers and Information, Sohag University — Expected: 2026

- GPA:** VERY GOOD
- Relevant Coursework:** Data Mining, Database Systems, Statistics & Probability, Data Analytics

PROJECTS

COVID-19 Data Exploration (SQL)

- Leveraged advanced SQL (CTEs, Window Functions) to analyze COVID-19 data, calculating infection rates, rolling vaccination percentages, and creating summary views.

SQL Analysis of Data Jobs Postings (SQL)

- Used SQL to analyze job postings, identifying top remote roles and pinpointing "optimal skills" (balancing high-demand vs. high-pay) for career ROI.

Data Analysis of Data Jobs Postings (Advanced Excel)

- Deployed a full-scale analysis on 2023 job data using Power Query, Power Pivot, and DAX to identify in-demand skills and salary disparities.

Data Jobs Survey Analysis (Power BI)

- Built 5 interactive dashboards from a raw survey, performing heavy ETL in Power Query, data modeling, and writing DAX measures to analyze salary benchmarks.

Data Jobs Market Dashboard V1.0 (Power BI)

- Built an end-to-end BI dashboard analyzing 10K+ 2024 job postings, using Power Query, DAX measures, and interactive features (Slicers, Bookmarks, Drill-Through).

Data Jobs Market Dashboard V2.0 (Power BI)

- Developed a single-page dashboard with an efficient Data Model (Star Schema) and optimized DAX queries (improving load time by 30%).

Python Analysis of the Data Job Market V1.0 (Python)

- Led a Python (Pandas) analysis of the global data job market, engineering a complex ETL process (ast.literal_eval, explode()) to identify top 5 skills per role.

Python Analysis of the Data Job Market V2.0 (Python)

- Conducted advanced time-series analysis in Python to identify skill trends and pinpoint "optimal skills" (balancing high demand and high salary).

CERTIFICATIONS & COURSES

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- **Data Analysis & Visualization** (SQL, Python, Excel, Power BI, Tableau) *(Luke Barousse & Alex The Analyst - YouTube)*
 - **Statistical Analysis & Probability** *(datatab - YouTube)*
 - **Prompt Engineering for Data Analysis** *(Luke Barousse - YouTube)*
 - **Introduction to Data Analytics** *(satr)*
 - **Data Analysis** *(Cisco)*
 - **McKinsey.Org Forward Program** *(McKinsey)*

LANGUAGES

Arabic – Native | English – Advanced