

**Abdulrahman Almashwadi**

**Junior Data Analyst**

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**portfolio:** [github.com/unknown010112](https://github.com/unknown010112)

## 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**

- **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**