

# MOHAMED SULIMAN ALNOR , Data Analyst

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## Summary

Experienced Data Analyst with 3+ years of expertise in full lifecycle data analysis, from requirements gathering to business insights delivery. Proficient in Python (pandas, numpy, matplotlib, scikit-learn), SQL, and Power BI for developing data pipelines, statistical analysis, and interactive dashboards. Proven track record of supporting cross-functional teams, improving business outcomes by 25% ROI, and implementing data governance frameworks. Experienced in collaborating with data engineers and supporting AI initiatives across different sectors .

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## Work Experience

### Data Analyst , Technocolabs Software

#### Riyadh | Mar 2024 – Present

- Developed end-to-end data pipelines using Python (pandas, numpy) to process and analyze large datasets across retail, healthcare, and logistics sectors, ensuring data quality and accessibility
- Implemented statistical analysis and data mining techniques to identify trends and patterns, resulting in 25% improvement in marketing ROI for e-commerce clients
- Created automated reporting systems and interactive dashboards in Power BI, reducing manual reporting time by 40% and enabling real-time KPI monitoring
- Collaborated with data engineers on cloud-based analytics architecture and supported AI/ML initiatives for predictive modeling projects, leveraging Technocolabs' Google Cloud Technology Partnership
- Delivered predictive maintenance solutions using machine learning models, improving equipment uptime by 20% for manufacturing clients
- Trained end-users on dashboard functionality and provided ongoing support for data-related requests from business departments
- Supported data quality assurance initiatives through comprehensive data cleaning and validation processes

### Freelance Data Analyst / Data Projects

#### Remote | June 2023 – Feb 2024

- Collaborated with humanitarian organizations, including the World Food Programme (WFP) and local NGOs, developing data collection systems and analytics strategies for emergency response during the Sudan crisis
- Collected, cleaned, and analyzed field data using Python and SQL, improving operational efficiency in relief efforts through statistical analysis and trend identification
- Built interactive Power BI dashboards to monitor food distribution progress, supply chain bottlenecks, and real-time needs assessment, supporting data-driven decision-making for humanitarian operations

## **Data-Driven Project Coordinator , Korea International Cooperation Agency (KOICA)**

### **Sudan | Jun 2022 – May 2023**

- Conducted comprehensive project performance analysis across various development initiatives, utilizing advanced Excel functions, SQL queries, and Power BI to ensure alignment with strategic objectives
- Developed custom dashboards and automated reporting systems to visualize key performance metrics, enhancing project tracking and visibility for stakeholders including government officials and international partners
- Streamlined data collection and reporting processes across projects, creating unified templates and workflows that boosted team productivity by 25% and reduced reporting timelines
- Collaborated with cross-functional teams to gather requirements and translate them into actionable project plans with clear, data-driven insights

## **Telecom Data Analyst , Telecommunications & Post Regulatory Authority (TPRA)**

### **Sudan | Mar 2021 – Mar 2022**

- Spearheaded comprehensive data management initiatives, collecting, cleaning, and organizing extensive telecommunications datasets using advanced SQL techniques, ensuring data accuracy and regulatory compliance
- Developed detailed reports and interactive dashboards providing insights into telecommunications service performance, licensing compliance, and spectrum management, streamlining regulatory decision-making processes
- Implemented data governance frameworks ensuring regulatory compliance and data integrity across telecommunications datasets
- Collaborated with cross-departmental teams to improve data workflows and identify process improvement opportunities, resulting in more efficient monitoring of telecom service providers

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## **Education**

Al-Neelain University , Khartoum, Sudan , 2021  
Bachelor's Degree, Telecommunication Engineering

Google Data Analytics Professional Certificate  
Coursera – 2024

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## **Skills**

Programming & Analytics :

- Python (pandas, numpy, matplotlib, scikit-learn)

- SQL (query optimization, ETL processes)
- Statistical Analysis & Data Mining Techniques
- Machine Learning & Predictive Modeling

#### **Business Intelligence & Visualization:**

- Power BI (advanced dashboards, KPI monitoring, automated reporting)
- Excel (advanced analytics, pivot tables, statistical functions)

#### **Data Management & Governance:**

- Data Pipeline Development & Implementation
- Data Cleaning & Quality Assurance
- ETL Processes & Data Integration
- Data Governance & Integrity Frameworks