Abdelrahman Ahmed

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PROFESSIONAL SUMMARY

- Motivated Data Scientist and Software Engineer with hands-on experience in real-world data analysis and machine learning. Worked on large-scale datasets (320K+ rows), built ML models for air quality forecasting using XGBoost, and completed an AI & ML diploma at AMIT. Proficient in Python, SQL, and data visualization. Eager to contribute to impactful data-driven projects.

EXPERIENCE

- **Project Management Information System** – Rowad Modern Engineering   Mar 2025–Present
  - Led data management in Oracle Primavera Unifier, ensuring accurate project tracking
  - Developed Python scripts (Pandas/NumPy) to automate data cleaning and validation
  - Created SQL queries to extract insights, improving reporting efficiency
- **IT Specialist** – Constracta   Oct–Dec 2024
  - Reduced system downtime 25% through improved maintenance protocols
  - Implemented secure user accounts and backup routines
- **Customer Service Intern** – QNB   Aug–Sep 2023
  - Resolved banking inquiries and processed financial transactions
  - Improved service request documentation using Excel

PROJECTS

- **Cryptocurrency Price Prediction**
  - LSTM model for Bitcoin/Ethereum (R^2 0.83)
  - Engineered time-series features and technical indicators
- **Air Quality Prediction**
  - XGBoost model for PM2.5 forecasting
  - Visualized pollution trends across Indian cities
- **Excel Data Automation**
  - Processed 320K+ rows, reducing manual time by 50%

EDUCATION

- **Bachelor of Management Science** – Sadat Academy for Management Sciences   Jan 2024

CERTIFICATIONS

- **IBM**: Deep Learning with Keras, Deep Learning with PyTorch, Generative AI Engineering with LLMs Specialization 2025
- **AMIT**: Machine Learning & Data Science Diploma (Python, TensorFlow, NLP)   2025
- **Next Academy**: Oracle Development (SQL, PL/SQL)   2025
- **IT Share**: CCNA (Routing/Switching)   2022

TECHNICAL SKILLS

- **Programming**: Python, SQL, PL/SQL
- **Machine Learning/AI**: Scikit-learn, TensorFlow, PyTorch, NLP
- **Data Tools**: Pandas, NumPy, Power BI, Tableau, Matplotlib, Seaborn
- **Other**: Oracle Primavera, MLOps

Soft Skills

- **Team Collaboration** – Worked in cross-functional teams with engineers, analysts, and managers to align data work with project goals.
- **Analytical Thinking** – Solved data inconsistencies by implementing automated validation logic and improving data quality.
- **Time Management** – Balanced multiple tasks and deadlines efficiently across internships and personal projects.