

Umar Bhaiyat Senior Data Analyst

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PROFILE

A passionate and detail-oriented data professional with extensive experience within the Finance and Energy industries. Proficient in using SQL, Python and Tableau to design innovative data solutions with a proven ability to work in fast-paced, agile environments leveraging data to solve business problems and drive informed decision-making.

EXPERIENCE

Senior Data Analyst - E.ON Next Apr 2024 – present

- Developed robust ETL workflows for revenue assurance using Python and SQL, seamlessly integrating data into an interactive dashboard, identifying high-risk areas, and driving substantial cost savings.
- Partnered with senior leadership to align data solutions with business objectives, delivering actionable insights and value.
- Streamlined data pipelines by automating and documenting ELT processes, achieving a 30% reduction in processing time.
- Built and maintained critical codebases to ensure compliance with external regulatory requirements.
- Mentored and onboarded new team members, fostering their growth and ensuring smooth integration through hands-on guidance and support.

Data Analyst - E.ON Next Sep 2022 – Mar 2024

- Built operational reporting tools using SQL, Python and Tableau to find areas of improvement for energy specialists.
- Supported the migration of data and code from AWS into Databricks, for better scalability.
- Collaborating with stakeholders and cross-functional teams facilitating data-driven decision-making processes.
- Automated existing manual processes used in financial and regulatory reporting, improving productivity and efficiency.

Data Engineer - EY Oct 2020 – Sep 2022

- Created, implemented and maintained data analytics standards and documentation to be used by the wider team.
- Developed automated workflows to extract, clean, transform and load data to a dashboard using a combination of SQL, Alteryx and PowerBI that led to overall process improvements and efficiencies.
- Liaised with stakeholders to define requirements, lead project design and implement a solution to fit their needs.

Junior Data Analyst - EY Feb 2020 – Oct 2020

- Utilized data visualization tools such as Spotfire and PowerBI to effectively communicate business insights using impactful dashboards.
- Employed data cleansing methods using Alteryx, significantly enhancing data quality and processing time.
- Performed detailed data validation spanning several different international projects.

Wetstock Analyst - Dover Fueling Solutions Sep 2019 – Feb 2020

- Interpreted and analysed data to produce comprehensive reports with actionable insights.
- Lowered operational costs and improved profit margins for clients while offering environmental protection to maintain legal compliance.

EDUCATION

BSc. Actuarial Science & Mathematics - The University of Manchester Sep 2016 – Jul 2019

Relevant Modules: Time Series Analysis, Linear Regression Models, Intro to Programming.

SKILLS

Programming Languages

Python, SQL, Apache Spark, DAX, VBA, Alteryx

Development

AWS, Databricks, Git, dbt, Agile Development

Data Science & Analytics

Tableau, PowerBI, Pandas, NumPy, Machine Learning, Excel

Soft Skills

Analytical, Problem-solving, Presentation, Mentoring

CERTIFICATES

Data Science — IBM | CS50 Python — Harvard | dbt Fundamentals — dbt | Machine Learning — Stanford