

Umar Bhaiyat Senior Data Analyst

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PROFILE

An experienced data professional with a keen eye for detail and a passion for transforming raw data into meaningful business value. Highly proficient in using technologies such as AWS and Databricks, alongside SQL, Python and Tableau to design innovative data solutions. Proven ability to thrive in fast-paced, agile environments, collaborating cross-functionally to deliver high-quality insights and drive strategic outcomes.

EXPERIENCE

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

- Engineered robust ETL workflows using AWS, Python and SQL for revenue assurance, seamlessly integrating data into an interactive dashboard that identified key high-risk areas driving savings of over £200,000.
- Collaborated with senior leadership to define data strategies that directly supported business objectives, delivering actionable insights and value.
- Spearheaded the migration of our teams data platform to Databricks, modernising our data architecture and laying the groundwork for future scalability.
- Provided mentorship and onboarding to 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

- Developed operational reporting tools using SQL, Python and Tableau, enabling energy specialists to optimise resource allocation and improve efficiency.
- Partnered with stakeholders and cross-functional teams to deliver key data insights, facilitating data-driven decision-making.
- Streamlined existing financial reportin by automating manual processes, improving productivity and efficiency.
- Built and maintained critical codebases to ensure compliance with external regulatory requirements while safeguarding data.

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 automated 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

SKILLS

Programming Languages

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

Development

AWS, Databricks, Git, Airflow, Docker, dbt, Agile Development

Soft Skills

Analytical, Problem-solving, Presentation, Mentoring

CERTIFICATES

Data Science: IBM, CS50 Python: Harvard, dbt Fundamentals: dbt, Machine Learning: Stanford