

# Siddhant Patil

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## SUMMARY

**Data Analyst, Quality And Reporting Manager at Welsh Government** with an MSc in Data Science from the **University of Essex**. Legally **right to work** in the UK, I am actively seeking opportunities as a **Data Analysis** field.

## WORK EXPERIENCE

**Data Analyst, Quality And Reporting Manager** | Welsh Government | January 2025 - till date | Cardiff, UK

- Optimized complex SQL queries in **Microsoft SQL Server (SSMS)**, reducing report run-time by over **40%**, significantly improving data retrieval efficiency for business-critical operations.
- Designed and developed **2 proof-of-concept (POC)** MIS reports and **3 new KPI dashboards**, securing **100%** stakeholder approval through impactful presentations, leading to successful implementation across relevant teams.
- Developed and managed **row-level security** across **10+ Power BI dashboards**, ensuring users access only role-specific data, aligned with organizational hierarchy and compliance standards.
- Delivered **ad-hoc reports** and tailored insights to senior management, enabling faster and more informed decision-making during strategic discussions and operational planning.

**Data Analyst** | Infosys Ltd | Sept 2021 - Sep 2022 | Pune, India

- Created interactive **dashboards** and **reports** in **Power BI**, leading to a **10%** improvement in data-driven decision-making and report accuracy.
- Optimized the **ETL processes** with **Store procedures** establishing a centralized reporting system that reduced data processing time by **25%**.
- Cleaned and transformed raw datasets** using **Excel** and **SQL**, enhancing **data quality** by **20%**

## PROJECTS

**Python** | Prediction of Automobile Carbon Emissions | Aug 2023

- Using Python, R, and machine learning libraries (Scikit-learn, NumPy, and Pandas), analyzing a dataset from the Canadian Government to identify key factors influencing CO<sub>2</sub> emission rates.

**Power BI** | Supply chain Dashboard | March 2024

- Developed a Supply Chain Dashboard using DAX functions and charts, to track shipment timelines, demand

## EDUCATION

**MSc in Applied Data Science, 1st** | University of Essex, Colchester | 2022 – 2023

**BE in Mechanical, 1st** | Vishwakarma Institute of Information Technology, India | 2016 – 2019

## SKILLS AND CERTIFICATES

- Skills:** Microsoft Excel, SQL, Python, Power BI, ETL, Machine Learning Techniques, Git, Tableau.
- Certifications:** Azure Data Fundamentals, Data Analysis using Power BI.
- Excellence International Masters award of £5000 by University of Essex