

Smit B Prajapati

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PROFESSIONAL SUMMARY

Data Analyst with extensive experience in Business Analytics and Data Science, holding an MSc in Computer Science. Skilled in turning business needs into data-driven insights using SQL, Python, BI tools, and statistical modeling. Demonstrated ability to analyze large datasets, build dashboards, perform predictive modeling, and communicate insights to stakeholders. This helps enhance decision-making, efficiency, and performance outcomes.

SKILLS

Exploratory Data Analysis (EDA), Data Wrangling, Data Cleaning, Data Validation, Data Quality and Integrity, KPI Definition, Requirements Gathering, Stakeholder Communication, Data Storytelling, Business Insights, Process Improvement, Decision Support, Statistical Analysis, Hypothesis Testing, A/B Testing, Regression Analysis, Classification, Clustering, Feature Engineering, Model Evaluation, Cross-Validation, Python (Pandas, NumPy, Scikit-learn), SQL (Joins, Subqueries, Aggregations. MySQL, SQLite), APIs, Power BI (DAX basics), Tableau, Excel (Pivot Tables, VLOOKUP, Power Query), Google Sheets, Matplotlib, Seaborn, Streamlit, Jupyter Notebook, Git, AWS (S3, EC2. basic), Azure SQL DB (basic).

PROFESSIONAL EXPERIENCE

Unified Mentor Pvt Ltd | Data Science Intern | India

Jan 2026 – Present

- Analyzed over 10,000 structured records using SQL, including joins and aggregations, along with Excel to create weekly operational and management reports. This supported data-driven decision-making.
- Cleaned, validated, and transformed data from multiple sources. This reduced data inconsistencies by about 25% and improved reporting accuracy.
- Designed and delivered Power BI dashboards focused on KPIs to track trends, anomalies, and performance metrics. This allowed for quicker identification of process gaps.
- Worked with stakeholders from different areas to turn business requirements into analytical solutions. This ensured they met strategic and reporting goals.

Victoria Solutions | Data Analyst Intern | London, UK

May 2025 – July 2025

- Conducted a detailed analysis of over 30,000 records using Python, SQL, and Excel. This improved decision-making efficiency by 35%.
- Developed interactive Tableau dashboards to track KPIs and market trends. This increased stakeholder engagement by 20%.
- Used statistical analysis and predictive modeling to spot patterns and drivers. This improved operational efficiency by 15%.
- Automated reporting workflows with Excel Power Query and SQL, which cut down manual reporting effort by 20%.
- Presented insights to stakeholders through clear data storytelling and visualizations to aid strategic planning.

PROJECTS

Sentiment Analysis on COVID-19 Tweets—Data Analytics & ML | Leicester, UK

[Link](#)

- Built a complete analytics pipeline to process and analyze over 10,000 Twitter records. This included data cleaning, NLP preprocessing, and exploratory analysis.
- Trained sentiment classification models using Logistic Regression, reaching about 82% accuracy. Assessed performance with standard machine learning metrics.
- Created interactive dashboards to show sentiment trends and key topics.
- Business Outcome: Supported scalable public sentiment monitoring for communication and policy-related decisions.

Manhattan Real Estate Predictive Analysis—Analytics & Data Science | Leicester, UK

[Link](#)

- Analyzed over 25,000 real estate records from 2012 to 2013 to find key factors that affect property prices.
- Built Random Forest regression models that reached around 85% R² and cut prediction error by about 18%.
- Used K-Means clustering to group properties into market segments, aiding pricing strategies and investment choices for stakeholders.

EDUCATION

University of Leicester

Leicester, UK

MSc Advanced Computer Science

Sep 2022 – Nov 2023

- Key Modules: Big Data & Predictive Analytics, Data-Driven Intelligent Service Design

Gujarat Technological University

Gujarat, India

Bachelor of Engineering (BE), Computer Science & Technology

Aug 2017 – Jul 2021

- Key Modules: Big Data Analytics, Data Mining, Business Intelligence