Smit Prajapati

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PROFESSIONAL SUMMARY

Detail-oriented and analytical MSc Computer Science graduate with strong proficiency in Python, SQL, Tableau, Power BI, and Excel. Experienced in data wrangling, statistical analysis, and machine learning through hands-on academic projects and professional web development. Skilled in transforming raw data into actionable insights to support business decisions. Adept at building dashboards, performing predictive modeling, and applying data visualization techniques. Eager to bring a data-driven mindset to solve **business and customer-centric problems.**

SKILLS

Python, SQL, C++, Java, PHP, JavaScript, HTML/CSS, descriptive statistics, hypothesis testing, regression, data cleaning, data modeling, validation, classification, clustering, Scikit-learn, Pandas, NumPy, Tableau, Power BI, Matplotlib, Seaborn, Streamlit, MySQL, SQLite, data warehousing, Jupyter, Git, APIs, AWS, Azure, Excel (Pivot Tables, VLOOKUP, Power Query), Google Sheets, business intelligence, data mining, SDLC, object-oriented programming (OOP).

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
- Dissertation: Sentiment Analysis on COVID-19 Tweets—Data Analytics & ML

Gujarat Technological University	**India**
Bachelor of Engineering (BE), Computer Science & Technology	*Aug 2017 – Jul 2021*

- Key Modules: Big Data Analytics, Data Mining, Business Intelligence
- Project: Driver Safety Foresight System

PROFESSIONAL EXPERIENCE

Victoria Solutions | Data Analyst Intern | London, UK   *May 2025 – June 2025*

- **Led end-to-end data analysis** by collecting, cleaning, and processing datasets using SQL, Excel, and Python, enabling data-driven business decisions.
- **Created interactive dashboards and visual reports** using Power BI and Tableau to present key performance indicators and market trends to stakeholders.
- **Applied statistical analysis and predictive modeling** to evaluate business performance and uncover actionable insights for strategic initiatives.
- **Collaborated cross-functionally** to ensure data accuracy and integrity, contributing to real-time projects that improved operational efficiency and decision-making.

Technokrit Solutions | Web Developer | India   *Aug 2021 – Aug 2022*

- **Optimized relational database performance** using MySQL by restructuring queries and ensuring data integrity, supporting high-volume healthcare data operations and improving system efficiency.
- **Delivered actionable insights** through data cleaning, transformation, and weekly behavioural analysis using SQL and Excel, driving a 10% increase in feature adoption and supporting business growth initiatives.
- **Collaborated cross-functionally** to translate business needs into data solutions, developing RESTful APIs, integrating external datasets, and supporting real-time dashboards and KPIs for stakeholder reporting.

PROJECTS

Sentiment Analysis on COVID-19 Tweets—Data Analytics & ML | Leicester, UK   [Link](#)

- **Developed an end-to-end sentiment analysis pipeline** using Python and machine learning to classify COVID-19 tweets, leveraging Twitter API for data extraction and Streamlit for real-time insights on top influencers and trending topics.
- **Visualized sentiment trends and patterns** through interactive Tableau dashboards, translating raw social media data into actionable insights for stakeholders and enhancing data-driven decision-making.

Manhattan Real Estate Predictive Analysis | Leicester, UK   [Link](#)

- **Cleaned, transformed, and analyzed Manhattan real estate data** (2012–2013) to uncover price-driving factors, applying statistical techniques and exploratory analysis to identify key correlations.
- **Built and optimized predictive models** using Random Forest Regression and K-Means Clustering, visualizing pricing trends and clustering insights through Python and Tableau dashboards.