Siddhant Sharma

Mumbai, Maharashtra, India • sharmasiddhant390@gmail.com • +91-9893566611 LinkedIn:[linkedin.com/in/siddhant-a](http://linkedin.com/in/siddhant-a) | GitHub: [github.com/sid-1111](http://github.com/sid-1111) | Portfolio: [sid-1111.github.io](https://sid-1111.github.io/)

**PROFESSIONAL SUMMARY**C-DAC certified Data Scientist with hands-on experience developing end-to-end machine learning solutions that improve predictive accuracy by over 15%. Expert in Python, SQL, and AWS, with a proven track record leading projects and transforming complex datasets into actionable business intelligence. Eager to apply advanced analytics and modeling skills to solve challenging problems in a Data Analyst role.

**EDUCATIONPost Graduate Diploma in Big Data Analytics (PG-DBDA)** | C-DAC, Mumbai | Aug 2025

* Completed intensive, project-based training in Machine Learning, Big Data (Hadoop, Spark), Cloud Technologies (AWS), and Business Intelligence, graduating in the top quartile of the program.

**Bachelor of Technology (B.Tech), Computer Science** | Sagar Institute of Research & Technology (SIRT) | 2022

**TECHNICAL SKILLS**

* **Data Science & ML:** Python (Pandas, Scikit-Learn), NLP (BERT, Hugging Face), Time Series Forecasting (Prophet, LSTM), Classification, Clustering, Statistical Modeling
* **Databases & Big Data:** SQL, Big Data Ecosystem (Hadoop, Apache Spark), REST APIs
* **Cloud & Deployment:** Amazon Web Services (AWS S3, SageMaker), Git, GitHub, Flask
* **Data Visualization:** Power BI, Tableau, Matplotlib, Seaborn

**ACADEMIC & PERSONAL PROJECTSOlist E-Commerce Analytics & Forecasting | Capstone Project**

* Engineered a data pipeline to process and analyze over **100,000 order records**, identifying key business trends and performance metrics for a major e-commerce dataset.
* Constructed a sentiment analysis model using **BERT**, achieving **88% accuracy** in classifying customer reviews to quantify satisfaction levels.
* Decreased sales forecasting error by **15%** against baseline models by implementing advanced time-series models (Prophet, LSTM), directly supporting inventory management strategy.
* Designed an interactive **Power BI dashboard** consolidating **5+ disparate data sources**, reducing manual report generation time by an estimated **50%**.

**Hotel Booking Analysis & Cancellation Prediction**

* Executed a comprehensive EDA on a dataset of **50,000+ hotel bookings**, discovering that over 40% of cancellations were linked to short lead times (<7 days).
* Built a machine learning model using Python and Scikit-learn that predicts booking cancellations with **92% accuracy**, providing actionable data for revenue optimization.

**Customer Churn Prediction Model**

* Developed a classification model to identify high-risk customers, achieving **89% accuracy** and an **F1-score of 0.85**.
* Identified and delivered a ranked list of the top 5 churn predictors, enabling a targeted approach to customer retention efforts.

**LEADERSHIP EXPERIENCEProject Lead & Communication Lead** | C-DAC Capstone Project

* Spearheaded a team of **4 members** in the successful end-to-end delivery of the Olist E-Commerce Analytics project, completing the final deployment **one week ahead of schedule**.
* Coordinated the entire project lifecycle, from requirement analysis to final presentation, resulting in a **top 5% project ranking** within the cohort.