

Kumar Boste

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Profile Summary

Aspiring Data Analyst with strong technical training in Python programming, SQL databases, and modern data stack tools including Databricks and Snowflake. Developed practical skills in data processing, ETL pipeline development, and business intelligence using Tableau and Power BI. Familiar with statistical analysis, machine learning concepts, and cloud platforms. Demonstrated ability to learn complex technical concepts quickly and apply them to solve data analysis challenges. Eager to begin career in data analytics and contribute to organizational success.

Technical Skills

- **Programming Languages:** Python, SQL, R, Java
- **Data Analysis Libraries:** Pandas, NumPy, Scikit-learn, TensorFlow, Keras
- **Data Visualization:** Tableau, Power BI, Matplotlib, Seaborn, Excel
- **Big Data Technologies:** Databricks, PySpark, Apache Spark, Hadoop, ETL Pipelines
- **Cloud Platforms:** AWS, Google Cloud Platform, Snowflake, Cloud Services
- **Database Systems:** MySQL, PostgreSQL, MongoDB, BigQuery, SQLite, Snowflake, Data Warehousing
- **Machine Learning:** Regression Analysis, Classification, Clustering, Natural Language Processing, Time Series Analysis
- **Data Engineering:** ETL Development, Data Pipelines, Distributed Computing, Data Modeling
- **Statistical Methods:** Hypothesis Testing, A/B Testing, Statistical Inference, Probability Distributions
- **Development Tools:** Git, Docker, Jupyter Notebook, Linux, Jira, Stack Overflow
- **Methodologies:** Agile Methodologies, Data Analysis, Business Intelligence, Data Visualization

Projects

Predictive Sales Analytics System *Python, Scikit-learn, SQL*

- Developed machine learning model to forecast sales with 87% accuracy using Random Forest and XGBoost algorithms
- Performed feature engineering and hyperparameter tuning to optimize model performance
- Created interactive dashboard using Plotly for data visualization and result analysis
- **Technologies:** Python, Pandas, Scikit-learn, SQL, Plotly

Customer Segmentation using Machine Learning *Python, Machine Learning*

- Implemented K-Means and DBSCAN clustering algorithms to segment 10,000+ customers
- Analyzed customer behavior patterns and purchasing habits for targeted marketing
- Visualized clusters using PCA and t-SNE for dimensionality reduction
- **Technologies:** Python, Scikit-learn, Matplotlib, Seaborn

Stock Market Prediction System *Python, Time Series Analysis*

- Built time series analysis system using ARIMA and LSTM models for stock price prediction
- Implemented data collection from Yahoo Finance API and real-time data processing
- Achieved 15% better accuracy compared to traditional forecasting methods
- **Techniques:** ARIMA, LSTM, Moving Averages, Technical Indicators

E-commerce Business Intelligence Dashboard *Tableau, SQL*

- Created comprehensive Tableau dashboard analyzing sales trends and customer behavior
- Developed complex SQL queries for data extraction, transformation, and analysis
- Implemented interactive filters and parameters for dynamic data exploration
- **Skills:** Data Visualization, SQL Joins, Dashboard Design, Business Intelligence

Social Media Sentiment Analysis

Python, Natural Language Processing

- Developed NLP pipeline to analyze sentiment from 50,000+ Twitter data points
- Achieved 85% classification accuracy using TextBlob and NLTK libraries
- Implemented feature extraction using TF-IDF and Word2Vec techniques
- **Libraries:** NLTK, TextBlob, BeautifulSoup, Pandas

Education

Bachelor of Science in Information Technology

Mumbai University

2022 - 2025

CGPA: 8.75/10.0

Higher Secondary Education (12th)

Maharashtra State Board

2021

Percentage: 47.17%

Secondary Education (10th)

Maharashtra State Board

2019

Percentage: 77.40%

Certifications & Technical Expertise

- **Data Science & Analytics with AL/ML Certification** - IT Vedant *2025*
 - **Advanced Excel:** Data Analysis, PivotTables, Advanced Formulas, Charting
 - **SQL Programming:** Database Queries, Data Manipulation, Query Optimization
 - **Power BI:** Data Visualization, Dashboard Development, Business Intelligence
 - 180+ hours of intensive hands-on training in data analytics tools and techniques

Internships

Deloitte Data Analytics Virtual Internship

October-2025

- Completed Deloitte's data analytics virtual internship program with real-world consulting projects
- Developed interactive dashboards and visualizations for executive decision-making by using Tableau
- Applied data cleaning, transformation, and analysis techniques on complex business datasets using Excel
- Gained exposure to industry best practices in data analytics and consulting methodologies
- **Skill Learn:** Data Analysis, Data Modeling, Data Visualization Tools, Spreadsheet Skills.