

Bhavesk Kusakiya

| Data Scientist - Mumbai

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Objective

Results-driven Data Science professional with a strong foundation in mathematics, statistics, and machine learning. Skilled in Python, SQL, Tableau, Power BI, and advanced analytics for data wrangling, feature engineering, and predictive modeling. Experienced in building end-to-end data pipelines, time-series forecasting models, NLP solutions, and interactive dashboards that drive business insights and process automation. Seeking to contribute as a Data Analyst or Data Scientist by leveraging analytical, programming, and visualization expertise to deliver data-driven strategies, optimize performance, and support AI-driven decision-making.

Skills

Programming Languages: Python, R, SQL, JS, HTML, CSS, JSON

Data Visualization: Tableau, Power BI, Matplotlib, Seaborn

Data Engineering: ETL, Data Pipeline, Data Cleaning, NumPy, Pandas

Machine Learning: Scikit-Learn, TensorFlow, PyTorch, Cross-validation, Feature Engineering, AI

Cloud/Tools: Git, Google Colab, REST APIs, AWS, Docker

Statistics & Probability: Hypothesis testing, A/B testing, Confusion Matrix, F1-Score, Recall, Precision

Others : Data Cleaning & Preprocessing, Problem-solving mindset, Critical thinking & attention to detail, Time management, Flask, Jenkins

Experience

Off-Site

Mar - 2025 - July - 2025

Data Analytics Consultant

- Built predictive models and dashboards that boosted data-driven decision-making by 20%.
- Automated ETL workflows using Python and SQL, cutting manual efforts by 40%
- Created interactive Tableau and Power BI dashboards

Freelance

Aug - 2024 - Feb - 2025

Data Scientist

- Delivered analytics solutions to freelance clients in retail and logistics sectors.
- Created dynamic dashboards in Tableau and Power BI to visualize KPIs and trends.
- Built customer segmentation and churn prediction models using Python (Random Forest, K-Means).
- Automated reporting workflows with Pandas and Excel for a logistics startup, reducing manual work by 60%.

Projects

Jan - 2024 - Apr - 2024

Independent Data Scientist

- Built telecom churn prediction model (XGBoost, 85% accuracy) enabling targeted retention campaigns.
- Conducted sentiment analysis on 10,000+ tweets using NLP, providing actionable public opinion insights.
- Forecasted 6-month retail sales using ARIMA & Prophet (MAE < 10%), aiding inventory planning.

Project

Loan Risk Analyzer

- Built a classification model using logistic regression and XGBoost to predict loan defaults.
- Preprocessed real-world loan data, handled missing values, and performed feature engineering.
- Achieved 89% accuracy with an AUC score of 0.91; segmented risky applicants for mitigation.

Customer Churn Prediction Using Machine Learning

- Developed a churn prediction model using Python with Logistic Regression, Random Forest, and XGBoost.
- Achieved 85% accuracy by applying hyperparameter tuning and cross-validation techniques.
- Visualized key churn factors using Tableau, enabling actionable insights for customer retention.

Sentiment Analysis on Twitter Data

- Collected and preprocessed raw Twitter data by removing noise, special characters, and stopwords.
- Implemented NLP techniques and trained models using Logistic Regression and Naive Bayes for sentiment classification.
- Visualized sentiment trends using Matplotlib and Seaborn, delivering insights on public opinion.

Smart Health Tracker

- Developed a health dashboard that tracks water intake, calories burned, and sleep hours.
- Visualized user data with Matplotlib and Seaborn to generate health graphs over time.
- Helped users monitor hydration and sleep habits using trend analysis.

E-commerce Sales Forecasting Using Time Series Analysis

- Cleaned and analyzed historical sales data to identify trends and seasonality patterns.
- Applied ARIMA and Prophet models for accurate future sales forecasting.
- Visualized predictions using Matplotlib and Seaborn, providing insights for demand planning and inventory management.
- Enhanced model accuracy with hyperparameter tuning and cross-validation.

Education

StarAgile

Certified Course in Data Science

May 2023 - April 2024

A

Mithibai College

MSc - Mathematics

June 2021 - April 2023

B+

G.N.Khalsa college of Arts, science and commerce

BSc - Mathematics

June 2018 - April 2021

7.56

Certification

Python for Data Science – IBM (2023)

Gained hands-on experience with Python libraries like Pandas, NumPy, and Matplotlib. Applied data wrangling, analysis, and visualization techniques on real-world datasets.

Machine Learning with Python – IBM (2023)

Learned supervised and unsupervised ML algorithms, including decision trees, k-means, and logistic regression. Built predictive models using Scikit-learn and evaluated them with accuracy metrics.

Machine Learning with R – IBM (2024)

Implemented ML models using R for classification and regression tasks. Focused on data preprocessing, model tuning, and visualization using packages like caret and ggplot2.

Advanced Excel – Mithibai College (2022)

Mastered advanced Excel functions such as pivot tables, VLOOKUP, conditional formatting, and data analysis tools to manage and analyze structured datasets efficiently.

Language

- English
- Hindi
- Marathi
- Gujarati

Declaration

I hereby declare that the above information is true and correct to the best of my knowledge