

SAMADHAN DHIKALE

DATA SCIENTIST / ANALYST

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SKILLS

Time Series Forecasting,
Demand Planning,
Hypothesis Testing,
Regression, Machine
Learning, Deep Learning,
Clustering,
Python, Git, Flask,
Matplotlib, Plotly,
Numpy, Pandas,
Tensorflow, Keras,
Scikit-Learn,
SQL/MySQL

EDUCATION

M.SC. APPLIED STATISTICS
AND INFORMATICS.
Shivaji University, Kolhapur,
Maharashtra.
2020 – 2022
CGPA: 7.98

B.SC. STATISTICS
K.T.H.M College, Nashik,
Maharashtra
2017 – 2020
Percentage: 79%

HIGHER SECONDARY
Art's Science And Commer's
College Ozar, Nashik
2016 – 2017
Percentage: 62.31%

LANGUAGES

MARATHI | HINDI | ENGLISH

CAREER SUMMARY

- Data Scientist with 3.5+ years of experience in demand forecasting, time series analysis, Machine Learning and Deep Learning. Hands-on experience in building end-to-end forecasting pipelines including data preprocessing, intermittent demand handling, univariate and multivariate modeling, ensemble forecasting. Strong background in client delivery and internal analytics asset development, with experience translating analytical outputs into business-ready insights for planning and decision-making.

PROFESSIONAL EXPERIENCE

DATA SCIENTIST

Accenture | INDIA

FEB 2025 – DEC 2025

Global Retail Demand Forecasting (Client Delivery Project)

- Delivered an end-to-end global demand forecasting solution generating weekly rolling 57-week forecasts across multiple regions and sales channels.
- Built a modular forecasting pipeline covering data ingestion from Snowflake, preprocessing, intermittent demand handling using univariate model ensembles (ETS, Holt-Winters, Theta, Naive), and non-intermittent demand modeling using Random Forest, XGBoost, and LightGBM.
- Implemented model ranking, weighted ensembling, calibration to control forecast spikes, and disaggregation of product-level forecasts to granular sold-to level, along with forecast anomaly detection and root-cause analysis for business planning.

Forecast Accelerator (Internal Asset)

- Built an end-to-end configurable forecasting accelerator where users can select input data, target/date columns, forecast granularity, horizon, and model types to generate forecasts automatically.
- Implemented automated preprocessing, univariate and multivariate modeling, model selection, and ensemble forecasting using statistical and ML models.
- Designed the solution to be reusable and domain-agnostic, significantly reducing forecasting setup time and enabling non-technical users to generate production-ready forecasts.

Hi-Tech Forecasting Demo Dashboard (Internal Asset)

- Developed a hi-tech industry demo dashboard to showcase real-world applications of demand forecasting for business planning and decision-making.
- Visualized historical vs forecast trends, scenario analysis, and planning insights in an executive-friendly format.
- Used the dashboard as a client demonstration and pre-sales asset, bridging the gap between advanced forecasting models and business understanding.

DATA SCIENCE ANALYST

Jio Platforms Ltd. | INDIA

SEP 2022 – FEB 2025

Reliance Retail Trends Sales Forecasting

- Led a pivotal project for Reliance Retail focused on daily sales forecasting PAN INDIA and at State levels, along with evaluating campaign and coupon effectiveness during key retail periods. Managed the transformation of 3.2 million raw data records into model ready datasets. Utilized SARIMAX and LSTM time series models to achieve accurate forecasting, delivering actionable insights and a deployable product to enhance operational efficiency and strategic decision-making.

Brent Oil Spot Price Prediction

- Developed short-term and long-term crude oil price forecasts using time series, machine learning, and deep learning models.
- Generated directional and point forecasts to support decision-making in a volatile energy market.