# Smita Dinkar Shinde

**Senior Data Scientist**

💼 9 Years 1 Month | 📱 (+91) 8698232644 | ✉ smitadshinde007@gmail.com

## Key skills

- Machine Learning
- Data Mining
- Python
- Predictive Modeling
- Data Science
- Statistical Modeling
- Predictive Analytics
- Logistic Regression
- Time Series Analysis
- Random Forest
- Regression
- Classification
- Decision Tree
- SVM
- Numpy
- Pandas
- NLP
- Pyspark
- Microsoft Fabric
- Tensorflow
- Keras

## Personal Information

City **Pune**

Country **INDIA**

## Languages

- English
- Hindi
- Marathi
- Gujrati

## Social links

https://www.linkedin.com/in/smita-shinde-

## Profile Summary

I believe in continuous improvement and accept challenging roles, where I can use my technical and managerial skills to develop as a professional and deliver business needs efficiently.

## Education

**MS/M.Sc(Science), 2016**

**Sardar Patel University (SPU)**

## Work Experience

**Jan 2024 - Present**

Senior Data Scientist
**Bonbloc Technologies Pvt Ltd**

- Working on EDA of invoice data and order data.
- Build models to calculate correlations between commodity prices and USDA indicators at various customized timeframes.
- Worked on an anomaly detection model to find order spikes in the data for multiple customer-item combinations at a time.
- Worked on a demand forecasting model to forecast eight weeks' demand for the item at multiple grouped level in advance.
- Divided multilpe items into 5 similar groups.
- EDA, Microsoft Fabric, SQL, PySpark, pandas, PowerBI, Time series Analysis, Random forest regressor, XGBoost, SMOTE, k-means clustering, Feature Engineering.

**Apr 2022 - Apr 2023**

Senior Data Scientist
**Khet-e Management Pvt Ltd**

- Worked on precision farming using statistical models and machine learning models.
- Created a data collection structure for various aspects of farming.
- Created pest and disease prediction models for multiple crops.
- Image detection model for identification of pests and diseases on the crop.

- Worked on the model building for suggesting crops to the farmer based on the weather at their farm location and the soil testing reports of the farm, and satellite indexes data.
- I was working on a model where the machine can suggest farm advisory and daily alert notifications using various data points.
- Utilized machine learning algorithms such as random forest, logistic regression, neural networks, and support vector machines. Statistical models, regression models, classification techniques, data collection structures, and Python, CNN, RNN.

**Jun 2020 - Apr 2022**

Senior Data Scientist
**Swamishree Exports Imports Private Limited**

- Took care of algorithm optimization and efficiency.
- Was involved in building a web-based application.
- Created timelines, roadmaps, and project architecture.
- Created Machine Learning models for inventory management and taxation, as per government laws and schemes, for Export and Import data of companies.
- Developed machine learning models for the optimization of space and time using OR techniques.
- Time Series Analysis, Regression models, LPP.

**Aug 2019 - Jun 2020**

Data Scientist
**mPhase Technologies Inc**

- Developed a recommendation engine for a travel booking platform.
- Created web scraping models using BeautifulSoup for fetching text data(User comments) from various travel websites
- Done Sentiment analysis on the user comments data to extract the emotions of a user using NLP.
- Content-based and Collaborative filtering method for recommendation engine.
- Item-to-item, user-to-user, item-to-user recommendation models.
- NLP, Beautiful Soup, Statistical models, Python, Machine Learning, Deep Learning

**May 2017 - Aug 2019**

Data Scientist
**Alpha Predictions llp**

- Market research analysis for more than 8 clients.
- Demand forecasting
- Research Designing, questionnaire preparation, Data Collection, Data Processing, EDA.
- Factor Analysis, Chi-square test, ANOVA, Cluster Analysis, and

- Graphical Presentation of the data.
- Time series forecasting, regression models, statistical models, R, RStudio, SQL, Python.

**Oct 2016 - May 2017**

Statistician
**Doodle Designs Pvt Ltd**

- Worked as a Statistician
- Exploratory Data Analysis of data from each department
- Preparing various monthly client reports and presentations
- Generating daily, monthly, and yearly production reports
- Generating daily, monthly, and yearly error reports
- Handling company In and Out data on a daily, monthly, and yearly basis.
- Generating employee performance report
- EDA, Data Cleaning, Database, Graphical Presentation

**Jul 2013 - Jul 2014**

Process Executive
**Infosys BPO**

- Brit plc (Binders Team): Brit plc is an international general insurance and

  reinsurance group specializing in commercial insurance.
- Processing of various back-end risk modeling tasks via the use of MRI

  template along with various automated tools to get the desired Accuracy

  and met the Desired Targets.
- Cleaning data in Excel sheet.
- Ensure all the tasks are completed within a specific timeline or SLA.
- Managing Queries / Requests from the Onshore team.