

# Dipak A. Bhole

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## OBJECTIVE

An IT experience in historic data and apply statistical concepts to make cross-sectional predictions. Predictive analytics uses many techniques from data mining, statistics, modelling, machine learning, and artificial intelligence to analyse current data to make predictions about future.

## PROFESSIONAL EXPERIENCE

**Junior Data Scientist** | L&T Infotech

**Jun 2021 – Present**

**Trainee Engineer** | Right Tight Fasteners

**Aug 2017 – June 2018**

- Ability to write a clean and production code with Object Oriented Programming in Python.
- Thorough understanding of Probability and Statistics, Bayesian methods, Time Series analysis.
- Strong Programming skills.
- Experience in data management tools - Relational and SQL databases.
- Knowledge of Python, Data Analysis and Machine Learning Libraries.
- A professional with experience in Python, Machine learning and Deep learning with expertise in Manufacturing and retail, etc. domain projects.
- Ability to achieve in-depth understanding of the problem domain and available data assets.
- Able to investigate Data Visualization and summarization techniques conveying key findings.
- Communicates findings and obstacles to team members to achieve best approach.
- Source code management and Version Control system using Git and GitHub.
- Strong communication and interpersonal skills. Ability to interact with customers with ease and professionalism

## EDUCATION

**BE** from SPPU with 76.66%

**Diploma** from MSBTE with 78.75%

**SSC** from State Board with 84.91%

## ADDITIONAL SKILLS

- Python/ML Packages: Numpy, Pandas, Sci-py, Scikit-learn, Seaborn, Matplotlib, Flask.
- Machine learning: Linear, Ridge, Lasso & Logistic Regression, Naive Bayes Classifier, KNN, SVM, Decision Tree, Random Forest, Ada-Boost, XGBoost, K-means Clustering.
- Text Processing: NLTK, TF-IDF, Word2Vec, Bag of Words.
- Deep Learning Packages: TensorFlow, Keras, PyTorch
- Languages: Python, SQL.
- Cloud Platforms/Services: AWS, Azure
- Web stack: Flask.
- Operating Systems: Windows.
- Database: MySQL, PostgreSQL, MongoDB

PROJECT  
DETAILS

**Project** : AI/ML Optimization for Supply Chain Management  
**Domain** : Manufacturing  
**Description:**

Facing missed delivery deadlines and errors in strategic resource planning. Then our team building smart contract analysis platform that includes DS and MLOps to turn raw data into actionable insights. We get 45% reduction in disrupted deliveries after implement.

**Roles and Responsibilities:**

- Conducted data analysis, preprocessing, and feature engineering to prepare the datasets for modeling
- Developed and implemented machine learning algorithms, such as regression to address specific supply chain challenges.
- Tuned and optimized ML models for improved accuracy, efficiency, and scalability.

**Project** : Churn Prediction in Subscription Service  
**Domain** : Telecom  
**Description:**

Led a comprehensive churn prediction project in a subscription based service, utilizing both machine learning and deep learning techniques.

**Roles and Responsibilities:**

- Work on Machine Learning/Deep Learning
- Doing data pre-processing and feature selection on data, etc. and make a model for ML/DL.

**Project** : Multilingual Reviews Analysis  
**Domain** : Retail  
**Description:**

Developed a system for analysing customer reviews in multiple languages and extracting valuable insights using natural language processing (NLP) techniques and machine learning algorithms. Conducted sentiment analysis, topic extraction, and etc. to understand customer sentiments and preferences.

**Roles and Responsibilities:**

- Cleaned and pre-processing the reviews by removing noise, punctuation, stop words, and special characters.
- Applied tokenization, stemming, and lemmatization techniques to transform the reviews into a suitable format for analysis.

PERSONAL  
DETAILS

- **DoB:** 18 July 1995
- **Languages:** English, Hindi, Marathi
- **Hobbies:** Playing Cricket, Watching Movies Etc.
- **Awards:** One research paper published on 'Performance Enhancement of Vcrs Using Lshx' in international journal (IJMTER), Vol.04, Issue1, Jan 20