



# Priyanka Jadhav

## ML Engineer

✉ itsjadhavpriyanka@gmail.com

☎ +91 79047 12315

📍 Pune

## Skills

### Machine Learning and Data Science:

- Python/ML Packages: NumPy, Pandas, Sci-py, Scikit-learn, Seaborn, Matplotlib, Flask.
- Machine learning: Linear Regression, Ridge & Lasso Regression, Logistic Regression, Naïve Bayes Classifier, k Nearest Neighbor & Classifier, Support Vector Machine, Decision Tree, Random Forest, Gradient Descent, Ada-Boost, K-means Clustering.
- Natural Language Processing (NLP):  
1. Text Processing: NLTK, Term Frequency-Inverse Document Frequency (TF-IDF), Bag of Words, Word2Vec.
- Languages: Python, C, C++, Java
- Operating Systems: Windows, Linux
- Web stack: Flask
- Database: MySQL, MongoDB

## Education

- Bachelors in Computer Science, 2012,  
Dr. BAMU, Aurangabad.

## Soft Skill

- Observation
- Decision making
- Communication
- Multi-tasking
- Presentation Skills

## Extra Co-Curricular

- An active member of Yogi Divine Society.
- Team Lead, 'Dream Run' of 'Green Marathwada Marathon', won the first rank, 2012

## About Me

A professional with 3.2 years of experience in Machine learning, Data Science and Python. Corporate experience in data science including profound experience & expertise in statistical data analysis such as transforming business requirements into an analytical model, designing algorithms and strategic solutions that scale across massive volumes of data.

## Professional Experience

Tiger Analytics | Senior Associate - ML Engineer, Aug 2022 - Present

Brain Vision Technology | ML Engineer, Apr 2019 - Aug 2022

### Project Summary

#### Project 1:

Project Name: Supply Chain Shipment Mode Prediction

Domain: Manufacturing

Description:

On-time delivery (OTD) is a key metric to measure delivery performance and supply chain efficiency in any organization.

In terms of lowering shipping costs and time, as well as preventing delays, choosing the proper shipment mode with respect to other parameters is always helpful.

Responsibilities:

- Identify insights and patterns in data using statistical analysis.
- Exploratory data analysis for checking the distribution of data, handling irrelevant data, and imbalanced dataset.
- Feature engineering on numerical as well as categorical data, feature selection using statistical tools.
- Implementation of algorithms
- Model creation and deployment with the team.

#### Project 2:

Project Name: Poultry Farm Production Cost Prediction

Domain: Genetic Industry

Description:

Predicting a production cost in the development of chickens assists the organization in determining profit margins and protects them from being duped by the third party responsible for the chickens' development.

Responsibilities:

- To check whether the given data is valid or not.
- Data pre-processing and EDA with the help of data visualization techniques like seaborn & matplotlib library.
- Using correlation techniques, select attributes that are important to the target feature.
- Tried various models and compared the accuracy of each model using various hyperparameters.
- Coordinate with different functional teams to implement models & monitor outcomes.
- Model creation and deployment with team.

#### Project 3:

Project Name: Textile Company Review Sentiment Analysis

Domain: Retail & E-commerce

Description:

For a company's rapid growth and to gain loyal customers, identifying and extracting how people feel about business is vital.

Businesses can easily visualize customer insights for fast analysis.

Responsibilities:

- Data preprocessing and EDA with the help of nltk library.
- conversion of cleaned data to numeric form: CountVectorizer & TF-IDF Vectorizer.