



SAURABH VARPE

Contact

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📍 Nashik Maharashtra

Skills

- Machine Learning
- Python
- Pandas
- NumPy
- Statistics
- MongoDB
- GIT
- AWS
- Flask
- NLP
- RegEx
- Deep Learning
- Visualization
- SQLite
- web scrapping

Tools

- Jupyter Notebook
- Anaconda
- VS Studio
- Excel

Education

- BE | Pune University | 2020
- HSC | Maharashtra B | 2015
- SSC | Maharashtra B | 2013

OBJECTIVE

Knowledge of 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 analyze current data to make predictions about future.

Technical Expertise

- **Python/ML Packages:** Scikit-learn, Seaborn, Matplotlib
- **Machine learning:** Linear Regression, Ridge & Lasso Regression, Logistic Regression, Naïve Bayes Classifier, k Nearest Neighbor's Classifier, Support Vector Machine, Decision Tree, Random Forest, Gradient Descent, Ada-Boost, Gradient Boosting, K-means Clustering.
- Hypothesis Testing, Features selection, OCR
- **Deep Learning:** Perceptron, Activation Function
- **Text Processing:** NLTK, Term Frequency-Inverse Document Frequency (TF-IDF), Word2Vec, Bag of Words.

Project

Product sales Marketing Analysis

- **Primary Goal:** To investigate the customers using Machine learning technique who are more likely to involve with the new upcoming product in the market.
- **Solution:** Out of the 150000 individuals contacted, about 74% rejected subscriptions to a product, only about 26% accepted. According to the findings, the client should reach those in their 30s, that have a degree, are married, and have not defaulted on any of their existing loans.
- **Result:** Found the best value of recall 88 % and precision 87%
- **Responsibilities:**
- Gathered, reviewed, analyzed and implemented data requirement effectively by creating algorithms based on statistical analysis and predictive data modeling.
- Performing statistical analysis to identify meaningful insights.
- Developed appropriate machine learning model using various algorithms so it can satisfy the requirements with better results.
- Performing Feature engineering on data having 73 attributes using python libraries like NumPy, Pandas and seaborn.

Statistical Approach- Analysis of Amazon sales 2019

Working on more than 10 datasets

Work Experience

Design Engineer

UNIBEST TECHNO SOLUTION | Pirangut Pune
Dec 2020 to March 2022