

# Digamber Farkunde

## Profile

3+ years of 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.

## Work Experience

### Machine Learning Engineer – HCL Pune (Dec 2018 > Present)

- Experience using ML libraries, such as scikit learn, Seaborn, Matplotlib, Pandas, Numpy, RegEx etc.
- Experience diving into data to discover hidden patterns
- Ability to understand business concerns and formulate them as technical problems that can be solved using data and Math / Stats / ML

## Project

### Business Lending Solutions

- Perform the full range of advanced analytics and visualization methodologies, techniques and outputs associated with the area of expertise
- Extract, manipulate, analyse interpret data from various corporate data sources developing advanced analytic solutions, deriving key observations, findings, insights, and formulating actionable recommendations

### Document Classification Model

- Design, develop and implement analytical solutions using a variety of commercial and open source tools (common tools include Python, NLP).
- Connect and collaborate with subject matter experts in R&D
- Commercial and Medical.

### Store Sales Analysis

- Time series analysis comprises methods for analyzing time series data in order to extract meaningful statistics and other characteristics of the data.
- Insights prediction with AR, MA, ARIMA, SARIMA

## Skills & Core Competencies

### Python/ML Packages:

- Python, Numpy Pandas, Scikit-Learn, Matplotlib, Seaborn, OOPs ,Regular Expression, Sci-Py
- API using Flask web Framework
- Machine learning algorithms for regression, classification, clustering, statistical modelling.
- Python for machine learning with scikit Learn.
- SQL & MongoDB for data exploration and data analysis

### Machine Learning Algorithms:

Linear Regression, Logistic Regression, Naive Bayes Classifier, K Nearest Neighbor, Decision Tree, Ada-Boost, X-GBoost, K-means Clustering, Support Vector Machine, Random Forest

### NLP & Time Series:

NLTK, Term Frequency-Inverse Document Frequency (TF-IDF), Bag of Words, Count Vectorizer, Unigram, bigram, Word2Vec, RE  
AR, MA, ARMA, ARIMA, SARIMA

### Others: Postman, Git, MongoDB, SQLite

## Education

### BE (2018)

Manoharbai Patel Institute of Engineering & Technology Gondia - 6.75 CGPA

## Personal Details

### Date of Birth: 21/09/1995

- Address: At : Zilmili, Post : Kamtha, Taluka : Gondia, Distric : Gondia
- Hobbies: Traveling
- Languages known: English, Hindi, Marathi
- Status: Unmarried
- Appreciation: Certificate of Appreciation at Allocation Competition, Esmriti'18 Exhibition Certificate

## References

Available on Request