

# Yogesh Ramchandra Jamdar *Data Scientist*

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📅 14/07/1998

## Professional Experience

- 12/2021 – present  
Pune
- Tata Consultancy Services LTD, Data Scientists**
- Developed a predictive readmission model in Python, which achieved an accuracy rate of 86%, helping client proactively identify at-risk patients.
  - Leveraged Python libraries to figure out the complexities in healthcare data and discover hidden patterns and anomalies that led to an 18% reduction in diagnostic errors.
  - Devised a Tableau remote monitoring dashboard for tracking vital signs and patient conditions remotely, reducing the need for in-person visits by 36%.
  - Integrated TensorFlow to allow predictive analytics for clinical decision support, decreasing medical errors by 14%.
- Organizational Award**
- Star of The Month Award 12 Dec 2023
  - Special Initiative Award 25 Sep 2023
  - Xcelerate Warrior Awarded

## Projects

### Twitter Sentiment Analysis

- Developed Twitter sentiment analysis project using NLP with NLTK and scikit-learn
- Conducted data preprocessing, feature extraction and classification for sentiment labeling
- Demonstrated proficiency in Python, ML and social media data analysis for insightful sentiment insights

### Quora Questions Pair Similarity

- Analyzed data using EDA and cleaned text data using text preprocessing techniques
- Trained logistic regression, XGboost with hyper- parameter tuning using Grid Search CV to reduce log loss
- Engineered different numerical features using question text useful for final prediction

### Core Infrastructure Company Data Visualization

- Developed data visualization solutions for core industry company using Tableau
- Applied data cleaning and preprocessing techniques to ensure data accuracy and reliability
- Translated complex industrial data into insightful visualization, contributing to informed decision making processes

## Skills

### Machine Learning

Pandas | Numpy | Scikit-Learn | NLTK | Spacy | Matplotlib | Seaborn | Tableau | KNN | SVM | Naive Bayes | Linear and Logistic Regression | Decision Tree | Random Forest

### Programming

Python | MySQL

### Deep Learning

ANN | CNN | LSTMs | RNN | RBFNs | RBMs | SOMs | Autoencoders | XGBoost | AdaBoost | Keras | TensorFlow

### Other

Probability and Statistics | Tokenization | NER | EDA

## Certificates

Data Science and Machine Learning Internship Program [ Edureka ], (Credential ID : PS8ARUS1B)

MFDM AI Aware Certification [ TCS ], (Credential ID : 14431)

Python for Data Science [ LinkedIn Learning ]

## Education

- 2017 – 2020      *Maharashtra Institute Of Technology, Pune BE - Mechanical Engineering CGPA - 9.01/10.00*
- 2014 – 2017      *Walchand College Of Engineering, Sangli Diploma in ME Pct - 89.35%*
- 2014              *City Highschool, Sangli SSC Pct - 95.80%*