

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%*