

# Nita Vasram Jadhao

## DATA SCIENTIST

✉ nitu.nj@gmail.com 📞 9822750519 📍 CHL Softech, Noida

## SUMMARY

**Data scientist with 3 years of experience** in developing and implementing predictive models to drive business growth. Skilled in data analysis, machine learning, and statistical modeling. Proficient in Python, and SQL. Strong ability to translate complex data into actionable insights. processes and improve decision-making.

## EXPERIENCE

### Data Scientist

**CHL Softech** *Aug 2020 - Present*

- Managing and manipulating large data sets & Extensive predictive analytics experience with Python.
- Implementing machine learning techniques and algorithms on the large datasets. Performing EDA and Feature Selection.
- Interviewing and mentoring junior data scientists and interns.
- Build and deploy tools and methodologies to create solutions enabling analytics and measurement of claims related activities.

### TECHNICAL SKILLS

- **Python/ML Packages:** NumPy, Pandas, 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, Ada-Boost, Gradient Boosting, XGBoost, K-means Clustering, Principal Component Analysis (PCA).
- **Text Processing:** NLTK, Term Frequency-Inverse Document Frequency (TF-IDF), Word2Vec, Bag of Words, BERT, TranFormer.
- **Deep Learning:** ANN, CNN, TensorFlow, Keras, Neural Network.
- **Languages:** Python.
- **Cloud Platforms/Services:** AWS, cicd pipeline, Docker.
- **Web stack:** Flask, Django.
- **Operating Systems:** Windows, Linux.
- **Database:** MySQL.
- **CHATBOT:** RASA Framework.

## PROJECTS

### Project 1: Vehicle Insurance Sell Prediction.

**Domain:** Finance.

**Description:**

In the Vehicle Insurance Cross Sell Prediction project within the finance domain, I undertook the task of developing a predictive model to determine whether policyholders from the previous year would exhibit interest in purchasing Vehicle Insurance offered by our client's company. This project aimed to optimize communication strategies, enhance revenue generation, and refine the overall business model based on accurate customer targeting.

#### **Roles and Responsibilities:**

1. Exploratory Data Analysis (EDA).
2. Data Preprocessing and Feature Engineering.
3. Model Selection and Development.
4. Model Evaluation and Validation.

**Project 2: Summarizing Medical Documents With NLP.**

**Domain: Healthcare.**

Summarizing Medical Documents With NLP" project has the potential to revolutionize the medical professionals interact with large volumes of complex medical documents. By automating the summarization process, we enable faster decision-making and enhance the overall efficiency of medical experts. This project bridges the gap between advanced NLP techniques and healthcare.

**Roles and Responsibilities:**

- 1. Data Collection and Preprocessing.
- 2. NLP Techniques Implementation.
- 3. Data Clustering for Similarity.
- 4. BERT-based Summarization

**EDUCATION**

**B.E in Computer Science Engg. College: Amravati University Grade: 7.91 CGPA**  
**BNCOE,Pusad** *2019-07-15*

**LANGUAGES**

English	<div><div></div><div></div><div></div><div></div><div></div></div>	Marathi	<div><div></div><div></div><div></div><div></div><div></div></div>
Hindi	<div><div></div><div></div><div></div><div></div><div></div></div>		