Twinkle Vatwani

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Summary

Data scientist with 2 years of experience in developing ML/AI solutions to deliver insights and helping business take informed decisions.

Education

Post Graduate Program in Data Science, Business Analytics & Big Data
Aegis School of Business, Data Science, Cyber Security & Telecommunications   **2017-2018**

Bachelor's of Engineering in Electronics and Communication
*C.K. Pithawala College of Engineering and Technology, Surat***.**   **2013-2017**

Skills

- Machine Learning
- Python
- NLP
- Text Analysis
- Predictive Modelling
- Voice Analysis
- Data Visualization
- SQL

Experience

Freelancer   *March 2021- October 2021*

- Working with a leading beverage company in UAE as Data Scientist. My work includes analyzing the customer demands based on the product search generated and build the recommendation system for the customers.
- Working on the sales data to create automated and dynamic dashboard for analyzing the company's performance and forecasting future sales.

Data Scientist,Datalabs   *July 2018 – December 2019*
HDFC LIFE INSURANCE, Bangalore

- Email Sentiment Analyzer (NLP): To identify the sentiment of customer emails to take an early action on risky customers to avoid policy lapse. (NLTK, Wordnet).
- Voice Analytics: A solution to identify the sentiment of customer call recordings.
- Customer Segmentation: Clustered the entire customer base (~1 Cr) into 12 segments that have similar characteristics, priorities and interests for (Predictive Modelling, K- Means Clustering)
- Experience in Chatbot frameworks like RASA,DialogFlow ,wit.ai etc., also good knowledge of text analytics.
- Built an automated script to check the bot performance.
- Worked with digital marketing team for building a classification and segmentation model to check the performance of various campaigns run by the team

Interests

- Reading
- Doddling
- Travelling

Technical Skills

Machine Learning
Linear regression, Logistic Regression, Decision Trees, Random Forest, GBM, XgBoost, SVM, Naive Bayes, K- Means Clustering.

Natural Language Processing
Text Processing, Web Scrapping, Sentiment Analysis, Regular Expressions.

Programming Languages & Tools
Python, R, SQL

Data Visualization
Qliksense, Tableau