

## Satya Sai Anvesh Jaladani

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### Professional Summary:

- Expert in data science, able to handle any kind of problems in Deep learning and Machine Learning with Python and R. Hands on experience in using Python, R, Jupyter and many AI tools. Able to create Competitive Intelligence Dashboards.
- Able to handle various kinds of Problems using Regression and Classification techniques. Expert in Python Web-scraping, Time Series Forecasting, LSTM, ARIMA, SARIMA, Artificial Neural Networks (ANN), Convolutional Neural Network (CNN), Natural Language Processing (NLP), Text Mining and Machine learning techniques like Naïve Bayes, Clustering, Decision trees, Random forests etc.
- Good in communication skills and decision making with solution-oriented nature.

### Skills:

**Programming Language's known:** Python and R

**Deep Learning Skills Known:** Natural Language Processing, Text Mining, ANN, CNN, Image Recognition and Image segmentation.

**Machine Learning Skills Known:** Linear regression, Logistic regression, Time Series, ARIMA, SARIMA, LSTM, Predictive Analytics, Decision Trees, Naïve Bayes, Boosting techniques, KNN etc.

**Additional Skills:** Python Web – Scraping, Tableau and Power BI Visualizations, API, Python, AWS, Azure, Cloud computing, software solutions

### Employment Details:

- **Techwave Consulting India Pvt Ltd** (Jan 2019 to Present)

#### Medical Intelligence Dashboard

**Project Background:** Developed a python web-scraper which extracts the data frequently from different pharma sources and competitor and stores in internal database, EDA, data preprocessing and checks the change in data from previous days data and if any changes appear will send and alert to client in an email format listing all the changes happened in a content. Data visualizations in tableau and recommendations in the alert email and a dashboard (FOS) where client can see the complete data with advanced filters and download the updated content.

## Project 2: Named Entity Recognition Using Google BERT

**Project Background:** Extracting the named entities from corpus and segregating it for useful requirements for clients. It involves web scraping, tokenization, stemming, lemmatization, Bag of words, TF-IDF vector, POC tagging, entity recognition.

## Project 3: Sentiment Analysis on Amazon customer reviews

The project is about know the calculating the average rating of a product based on how many good and bad reviews are given in the comments.

- The data required for this project has been scraped from the amazon web site using a web scrapper.
- Since most of the data acquired is of instructed a text preprocessing is done by removing the HTMLtags, accented characters, special characters and then performing lemmatization.
- After the above process is done using some more text cleaning methods, I build a text normalizer to get a clean text on which I performed the tokenization.
- Then performed a detail Exploratory Analysis on the data. For number of reviews vs ratings, usefulness of larger text reveiws, a general overview of number of good and bad reviews.
- Then downloaded wordnet which is a large lexical database of English developed by the Princeton University, available with Natural Language Toolkit (NLTK) and performed sentiment analysis using polarity and subjectivity provided by a python package called TextBlob.

## Education Details:

- Bachelors in Technology in GITAM University, Bangalore in 2018
- Intermediate from Sri Gayatri college in 2013, Hyderabad.
- Completed Schooling in 2011 from Bashyam, Hyderabad

**Personal Details:** Status: Unmarried. Address: H.No:1-5-223, New Maruthinagar, Kothapet, Saroornagar, Hyderabad, Telangana-500060.