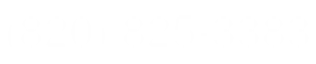
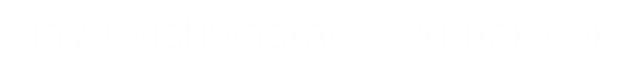
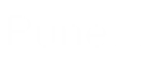
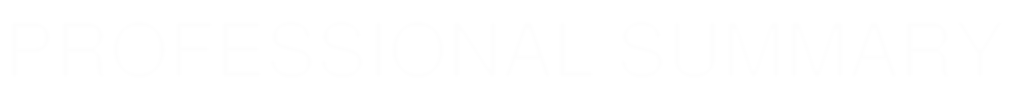
**Mayur Vishwasrao**

Address: Pune

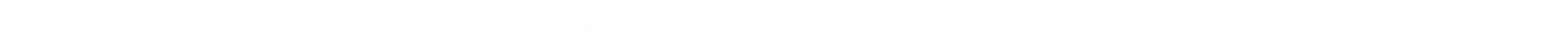
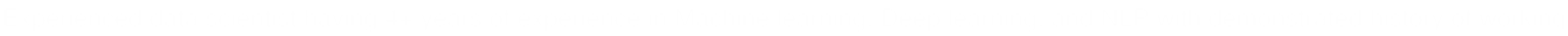


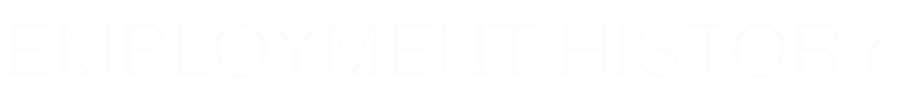
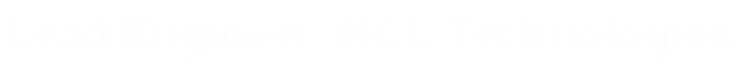
Email: [mayurvishwasrao6@gmail.com](mailto:mayurvishwasrao6@gmail.com)

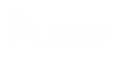
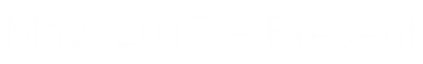
Mob: +91-8208253383

PROFESSIONAL SUMMARY

Experienced data scientist having 4+ years of experience in Machine learning, Deep learning, and NLP with demonstrated history of working in the industries like, Oil & energy, Healthcare, Banking & Finance, Legal, Retail, Telecom, etc.

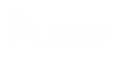
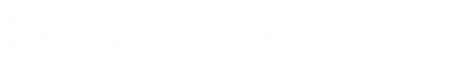


EMPLOYMENT HISTORY

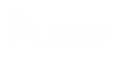
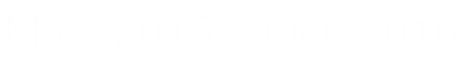


May. 2017 – Present Pune

Dec. 2016 – Apr. 2017 Pune



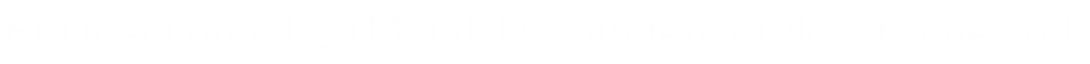
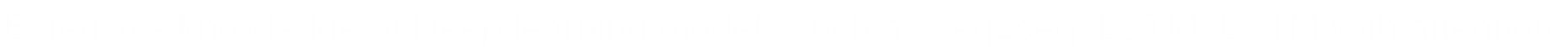
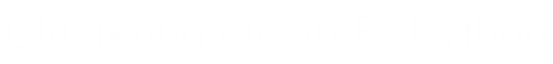
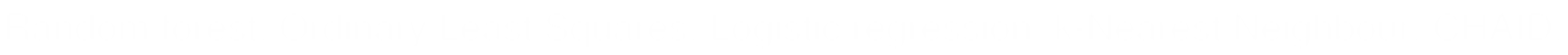
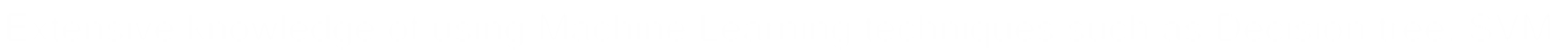
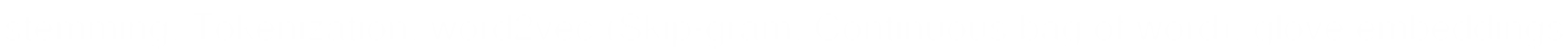
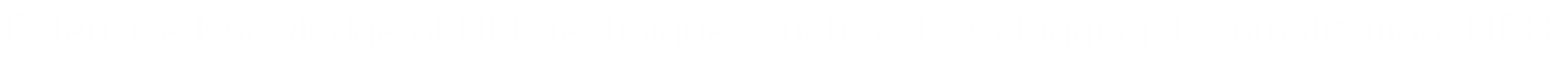
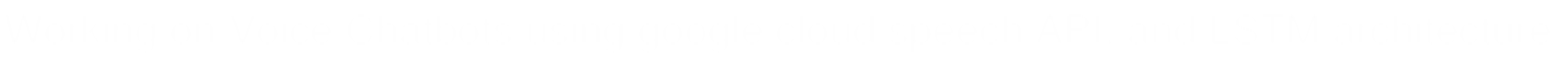
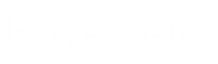
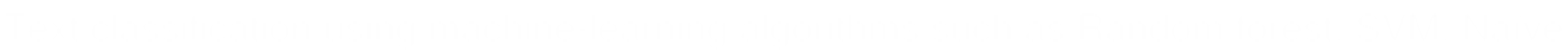
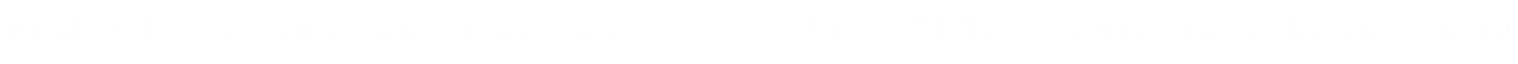
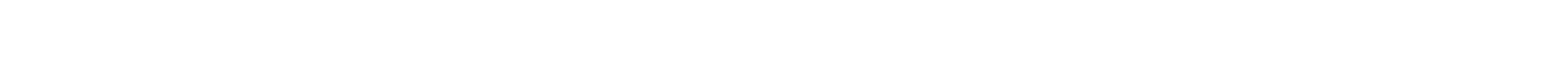
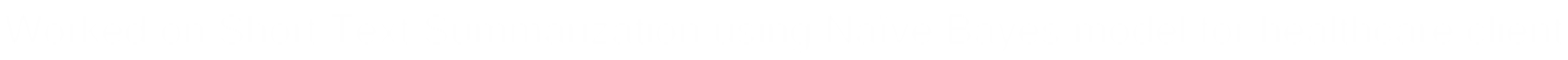
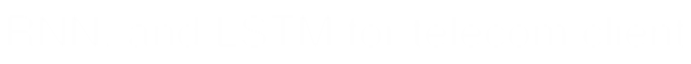
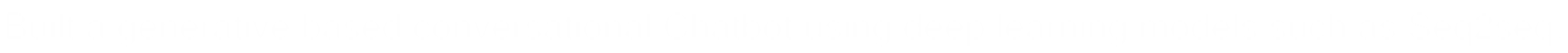
May. 2015 – Oct. 2016



Pune

**Lead** **Engineer,** **HCL** **Technologies**

Built a generative based conversational Chatbot using deep learning models such as Seq2seq, RNN, and LSTM for telecom client



Worked on Short Text Summarization using Naïve Bayes model for healthcare client Developed a HR analytics tools for HCL internal recruitment team using Rshiny

Built a binary classification model using Bi-LSTM model for healthcare client

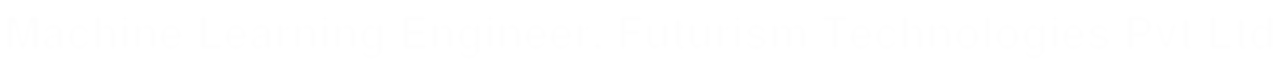
Text classification using machine-learning algorithms such as Random forest, SVM, Naïve Bayes etc.

Working on Voice Chatbots using google cloud speech API, and LSTM architecture

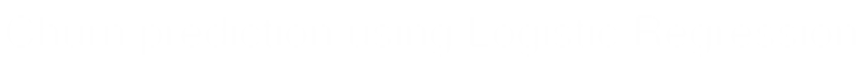
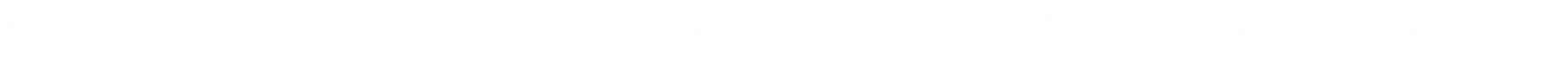
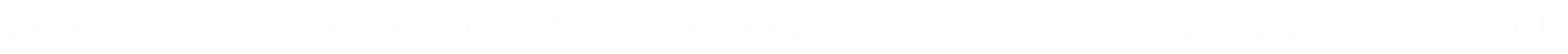
Extensive Knowledge of NLP techniques such as POS tagging, Lemmatization, NER, stemming, Tokenization, word2vec (Skip-gram, Continuous bag of word), glove embeddings

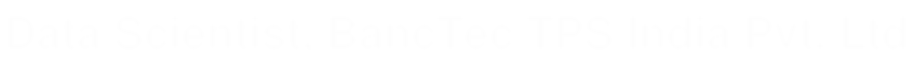
Extensive knowledge of using Machine Learning techniques such as Decision tree, SVM, Random forest, Ordinary Least Squares, Logistic regression, k-Nearest Neighbour, CHAID, Clustering etc. in R, Python

Extensive knowledge of Deep learning models such as seq2seq, LSTM, LSTM with attention, Bi-Directional LSTM, GRU, with tensor flow framework

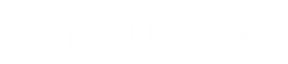
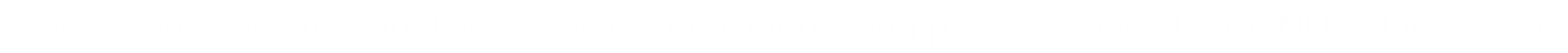
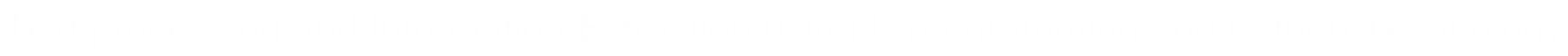
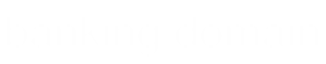
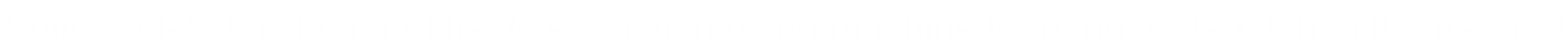
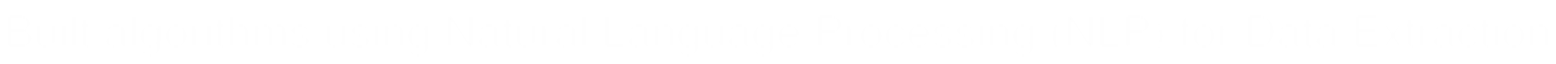
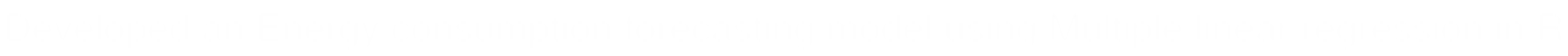
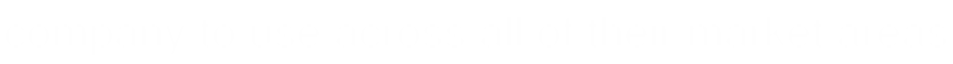
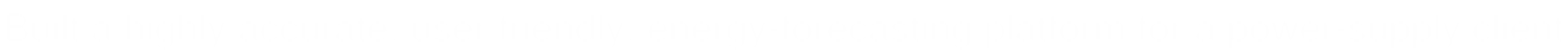
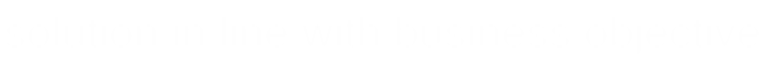
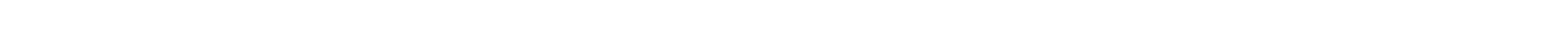
**Machine** **Learning** **Engineer,** **Futurism** **Technologies** **Pvt** **Ltd**

Developed a conversational Chatbot using deep learning models- Seq2seq, LSTM, and GRU Built an automated email auto responder system using LSTM with Attention layer model Churn prediction using Logistic Regression



**Data** **Scientist,** **BancTec** **TPS** **India** **Pvt.** **Ltd**

Identify business problems, translate it into analytical framework and propose a structured solution in line with business objective



Built a highly accurate, user friendly, energy-forecasting platform for a power-supply client company to use across all of their market areas

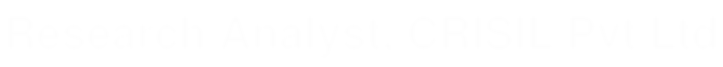
Developed an Energy consumption forecasting model using Multiple linear regression in R Built algorithms using Natural Language Processing (NLP) for Data Extraction

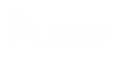
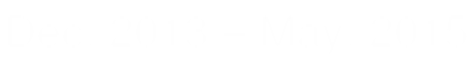
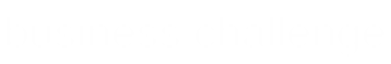
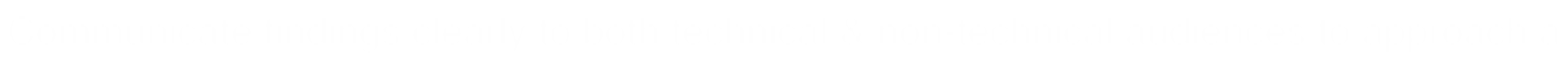
Built models for data and fields extraction using machine learning for legal, healthcare, and banking domain

Text processing and Information Extraction using R programming and Python Technology

Worked on Predictive analytics projects in python using pandas, Scikit-learn, Nltk, Numpy, and

Scipy libraries

Communicate findings clearly to both technical & non-technical audiences to approach a business challenge

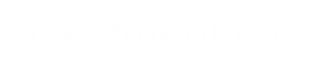
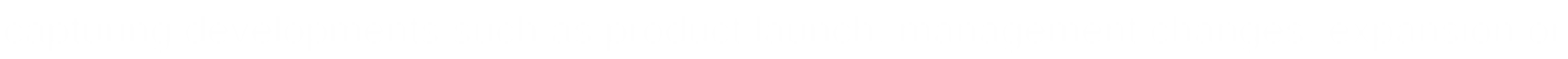
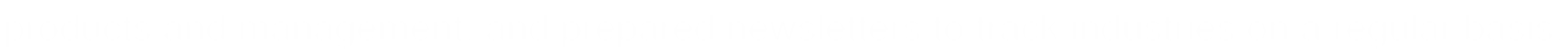
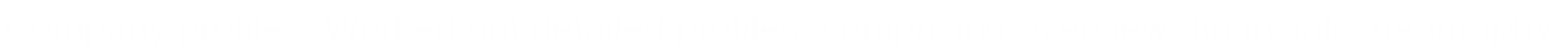
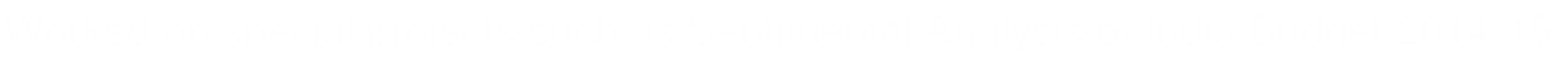
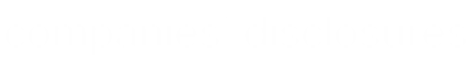
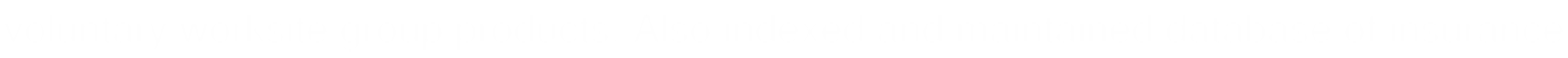
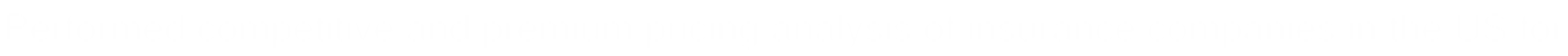
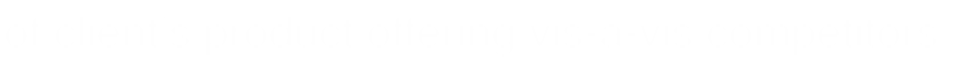
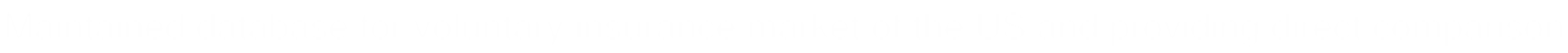
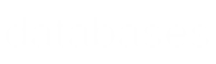
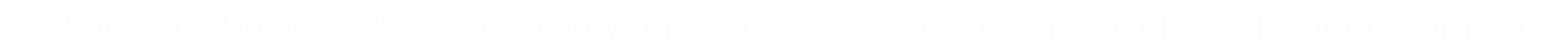
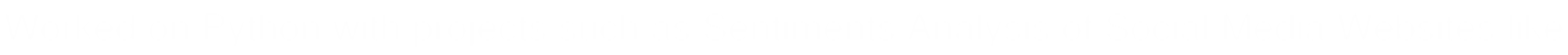
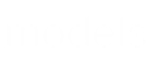
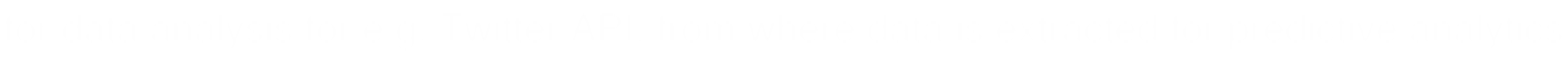
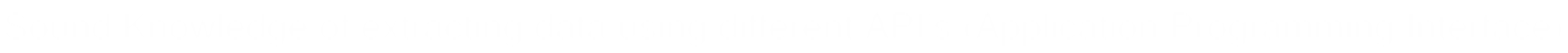
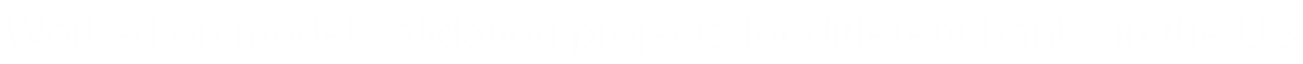
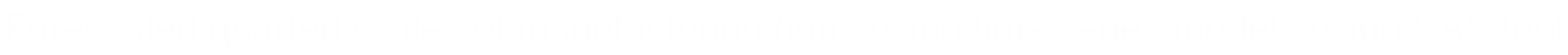


Dec. 2013 – May. 2015

Pune

**Research** **Analyst,** **CRISIL** **Pvt** **Ltd**

Forecasted quarterly sales of manufacturing firms using time series models using SAS tool Worked on model validation projects for different banks in the US



Sound Knowledge of extracting data using different API’s (Application Programming Interface) for data analysis for e.g. Twitter API, from where data is extracted for predictive analytics models

Worked on Python with projects such as Sentiments Analysis of Social Media Websites like Twitter, Facebook, and movie review analysis using Twitter, Facebook, and Rotten Tomatoes databases

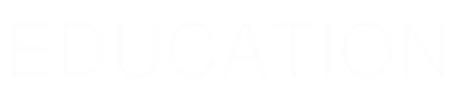
Maintained database for voluntary insurance market of the US and providing direct comparison of client’s product offering vis-à-vis competitors

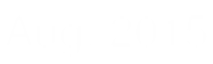
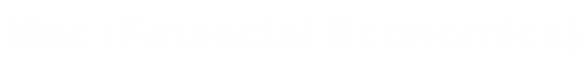
Performed competitive and premium pricing analysis of insurance companies in the US for voluntary worksite group products. Also indexed and maintained database of insurance companies’ disclosures

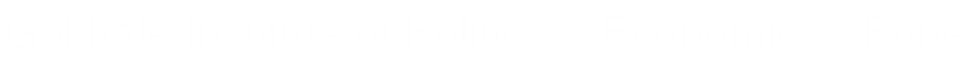
Worked on special projects such as Sentimental Analysis of India Budget 2014-15

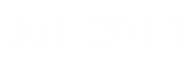
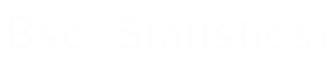
Company profiles: Worked out detailed profiles, comprising overview, financials, geography, products and management, and prepared newsletters to track industries on a regular basis, capturing developments such as product launch, management changes, expansion or

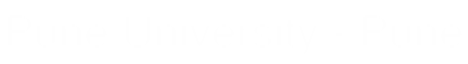
divestment etc.

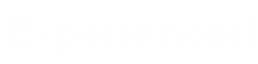
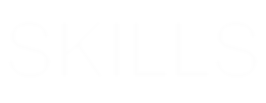
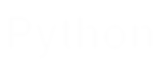
EDUCATION

Aug. 2015 **Msc** **(Financial** **Economics)**

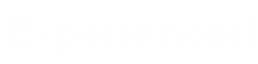
Gokhale Institute of Politics & Economics - Pune

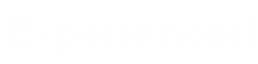
Jul. 2013 **Bsc** **(Statistics)**

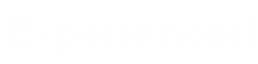
Pune University - Pune

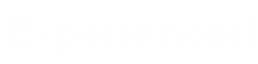
SKILLS

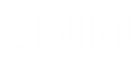
Experienced

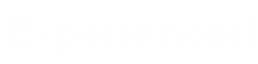
Experienced

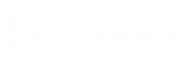
Experienced

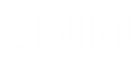
Experienced

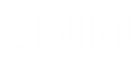
Experienced

Skillful

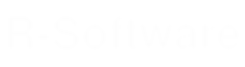
Experienced

Beginner

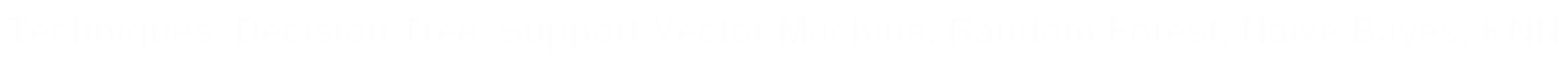
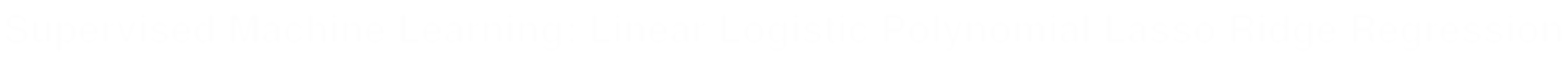
Skillful

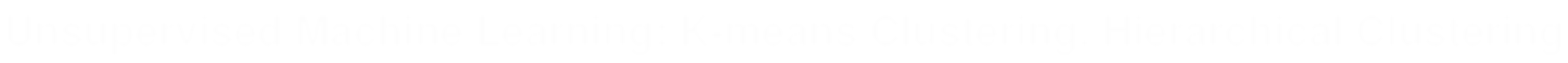
Skillful

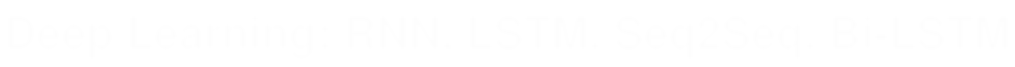
**Python**

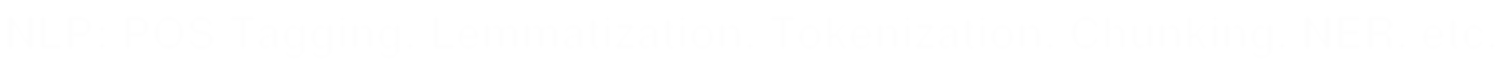
**R-Software**

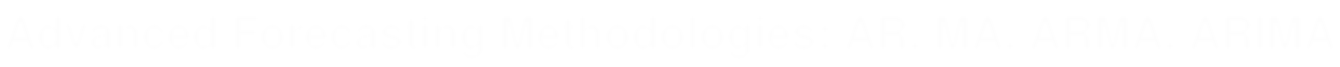
**Supervised** **Machine** **Learning:** **Linear/Logistic/Polynomial/Lasso/Ridge** **Regression** **Techniques,** **Decision** **Tree,** **Support** **Vector** **Machine,** **Random** **Forest,** **Naive** **Bayes,** **KNN**

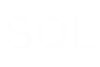


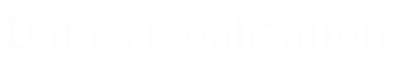
**Unsupervised** **Machine** **Learning:** **K-means** **Clustering,** **Hierarchical** **Clustering**

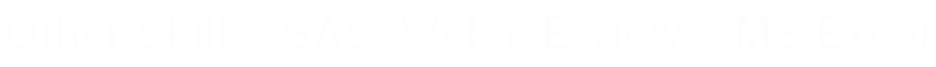
**Deep** **Learning:** **RNN,** **LSTM,** **Seq2Seq,** **Bi-LSTM**

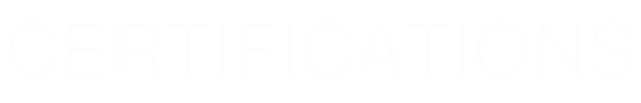
**NLP:** **POS** **Tagging,** **Lemmatization,** **Tokenization,** **Chunking,** **NER,** **etc.**

**Advanced** **Forecasting** **Methodologies:** **AR,** **MA,** **ARMA,** **ARIMA**

**SQL**

**Data** **Visualization**

**Other** **Skills:** **SAS,** **Weka,** **E-views,** **MS** **Excel**

CERTIFICATIONS

NSE (National Stock Exchange) Certified Capital Market Professional Module Certified Financial Modelling in MS-Excel

