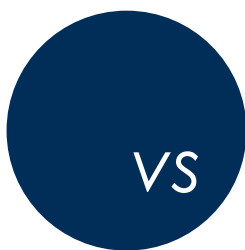
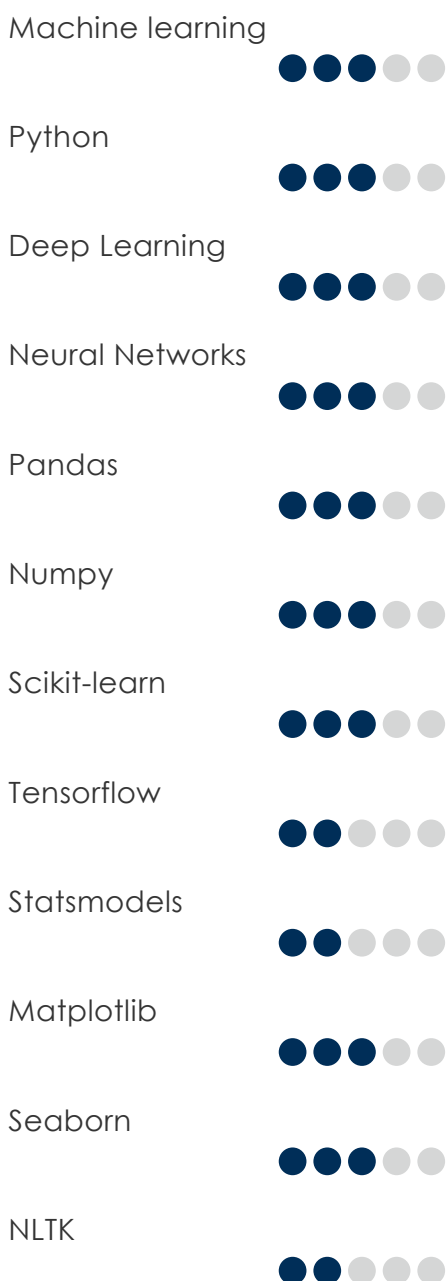


## • Contact

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-  9899759015
-  vasubhadra@gmail.com
-  <https://www.linkedin.com/in/vasu-bhadra/>
-  <https://github.com/datablogger-ml>

## • Skills



# Vasu Singh

## Data Scientist

Driven Data Scientist ready to thrive in demanding digital intelligence processing environments. Well-informed on latest machine learning advancements. Ready to combine tireless hunger for new skills with desire to exploit cutting-edge data science technology.

## • Work History

2020-02 -  
2020-07

### Data Science Intern

Group Data Analytics, Aditya Birla Management, Bangalore, Karnataka

- Worked on coming up with analytical solutions for SSOE Trading team for Crude Oil Forecasting.
- Assess the effectiveness and accuracy of new data sources and data gathering techniques.
- Developed various univariate Time Series forecasting Models and multivariate models with parameter tuning.
- Achieved forecasting accuracy of 97% with a directional accuracy of 57% for baseline model.
- Developed Twitter Based Model using 20,000 tweets with LSTM and GRU .

## • Education

2016-07 -  
2020-07

### Bachelor of Technology

Vellore Institute Of Technology - Vellore

- Graduated with **8.13 CGPA**
- Coursework in Electronics And Communication

2014-05 -  
2016-05

### High School, All India Senior School Examination

Apeejay School - Noida

- Graduated with **92.4%**
- Coursework in Physics, Chemistry, Maths and Computer Science

## • Certifications

Neural Networks and Deep Learning

Machine Learning A-Z

Python 3: Complete Bootcamp

Time Series Analysis for Python

IBM Data Science

## • Projects

### Automatic Caption Generator

- Deployed a web application on Heroku that automatically generates the best captions for an uploaded photo.

### Anomaly Detection

- Detecting Anomalies in the S&P 500 Time Series index using LSTM Autoencoders with Keras in TensorFlow 2.

### Industrial Production Forecasting

- Forecasting the Monthly Production of Ice cream and frozen dessert using various time series methods like Holt-Winters, ARIMA and SARIMA with Hyperparameter optimization.

### Twitter Analytics with Python

- Scraping Twitter Data with Python-Twitter API and visualizing trends using WordClouds and TopicModelling.

### Music Recommendation System

- Personalized Playlist using Collaborative Filtering along with Tree Maps visualizations.