Lokesh Vispute

### Data Analyst

Experienced professional with a demonstrate of history of working in ﬁeld of Data Analysis and Predictive Modeling. Experienced in software development life cycle.

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# WORK EXPERIENCE



## Software Engineer

### WNS Globle Services

*06/2019 - Present*, *Nashik*

*Tasks*

*Design implements and evaluated the models.Run machine learning tests and experiments **.**

*Analyzed data to identify patterns and correlation among the various data point.

*Create efficient solutions to complex problems. Strong skills in data-structures and ML algorithms.

*Working on end-to-end data science pipeline: problem scoping, data gathering EDA, modeling, insights, visualizations, monitoring and maintenance.

*Performed multiple operations such as Pandas , Numpy , Sklearn , Matplotlib , Seaborn, Metrics on dataset to churn analytics information for the client.

# EDUCATION

## Bachelor of Compute Science

### P.C.M.C.S,Nashik

*2014 - 2020*, *50.00%*

## Higher Secondary

### A.V.M JR Collage,Nizampur

*2012 - 2014*, *69.23%*

## Secondary

### A.V.M,Secondary School Nizampur

*2010 - 2012*, *68.55%S*

# LANGUAGES

#### English

*Full Professional Proﬁciency*

#### Hindi

*Native or Bilingual Proficiency*

#### Marathi

*Native or Bilingual Proficiency*

# SKILLS

Data Analysis

Python

SQL

NLP

EDA

Machine learning

Data Structures & Algorithm

Predictive modeling

statistics

Business Analysis,

Probability

Data Visualization

Regression

Classiﬁcation

Clustering

MS Excel

Pycharm

Jupyter Notebook

Postman

**CURRENT PROJECT**

#### Detection and Analysis of DoS Attacks

( *Python,pandas,numpy,machine learning, EDA ,Data preprocessing,,classification,DecisionTree,RandomForest,naïve\_bay es,cross\_val\_score,accuracy\_report,confusion\_matrix)*

Development of classification models to detect the network traffic is local network or bots network for web browser . Detect the traffic network is Dos or not and predict in future.

From dataset we need to detect the Dos traffic that slow machine and sometimes crash server to prevent that create model that detect traffic and gives prediction to prevent attacking.

Dataset contain large number of data, from pandas as numpy data cleaning and data preprocessing done. Data visualization creates to understand correlation between data and dependency. .

Almost all models gives accuracy up to 94%.from cross\_val\_score RandomForestClassifier gives 96% accuracy to detect the Dos .check classification reports and confusion matrix..

# PERSONAL PROJECTS

##### Flight ticket prices prediction -

(*Python,pandas,EDA,Regression,preprocessing,RandomForestRegr ession,Linear,DecisionTree,SVR,sklearn,cross\_val\_score.)*

Predict the flights prices between various airlines Completed data cleaning , EDA,ML model selection and finally flight fare prediction. compared score of various models. Select RandomForestRegressor .Predicted price was transformed into DataFrame format.

##### Car price prediction-

*(Python, Regression, Matplotlib, and Pandas,K-means,sklearn)*

Predicting car price and on the basis of predicted price,categorize it into ‘Low’,’Medium’ and ‘High’.

Linear regression model and K-Means clustering used.