



# Alisha Singh

Data Science enthusiast done Post graduation in Data Analyst .Intend to be a part of an organization where I can constantly learn and develop my technical skills and make best use of it for the growth of the organization.  
Proficient in developing complex Machine learning algorithm for solving business problems.  
I look forward to establishing myself by adapting new technologies as well.

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## SKILL SET

### Programming Languages:

- R, Python, Java,Sql,SAS,MongoDB,C++ pySpark

### Data Visualization tool:

- Tableau
- Power BI

### IDE:

- Jupyter, R

### Data Analysis

### Networking - CCNA(R&S)

### Cloud - AWS

## TECHNICAL SKILLS

- **Packages :** Sckit-learn,Numpy,Pandas,Matplotlib, NLTK,Scipy.
- **BigDataStack:**Hadoop,Apache, MongoDB,Mapreduce,Spark (streaming,Sparkoncluster, Advsparkprogramming) Linux,pig,Hive,sqoop,flume, Oozie,Scala,Hbase,Yarn.
- **Statistics/ML:**Regression, Classiification, Naive-Bayes,SVM,DecisionTree RandomForest,Clustering.

## CERTIFICATION

- Big Data Engineering with Hadoop & Sparx[EICT(IIT Roorkee)

## CO-CURRICULAR ACTIVITIES

- Participated in College Annual Festivals(Singing)
- Participated in College Annual Sports(Volleyball)

## EDUCATION

Mar '19 - Feb '20

Pune, IN

### P.G in Data Analyst

Imarticus

Aug '15 - Dec '18

Pune, IN

### Bachelor of Science(I.T)

Bharati Vidyapeeth University

percentage:6.2/10

Apr '14 - Jun '15

India

### Higher Secondary Education

Scholar Uchatar

percentage:74.80

Jun '11 - Jun '12

India

### Secondary School Education

D.A.V Centenary Public School

percentage:7.4/10

## PROJECTS

### 1. Credit Risk Analysis:

- Objective:To predict and manage credit risk by using the past data and deciding whom to give the loan in the future.
- Solution:Applied EDA to get some useful Insight from the data and used feature selection to determined significant features,used Classification technique to build a model.
- Key Achievement : Build a model to predict risk that the person will default on their loan (called the probability of default) in the future.

### 2. Classifying Clinically actionable Genetic Mutation

- Objective: Once sequenced, a cancer tumor can have thousands of genetic mutations. But the challenge is distinguishing the mutations that contribute to tumor growth (drivers) from the neutral mutations .
- Solution:Evaluated on Multi Class Log Loss between the predicted probability and the observed target.