




# SHIVAM SINGH

DATA ANALYST / DATA SCIENTIST / DATA ENGINEER

I am passionate about building models that fix problems and am adept at statistics, mathematics and computer science to collect and analyze high volumes of structured and unstructured data in order to find trends and create actionable plans for businesses.

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 **BBD, Lucknow, Uttar Pradesh, India**

## Education

### B.Tech (IT)

BBDNIIT - 2020-2024

SGPA - 7.4

## Skills

### Data Science/Machine Learning/Deep Learning

- Python, R Programming, Data Visualization, Supervised Learning Algos, Unsupervised Learning Algos, ANN, CNN, EDA, Feature Engineering, Data Analysis.

### Big Data

- Hadoop, Scala, Hive, Yarn, Impala, Spark, Pig, Apache Flume, Apache Kafka, Linux, Parallel Processing, Data Wrangling, Data Warehousing

### Mathematics for ML and DL

- Algebra, Statistics, Probability, Calculus, Matrices

## INTERNSHIPS / COCURRICULAR ACTIVITIES

### Data Science Trainee

Intellipaat

Feb 2023-Present

Identified, analyzed and interpreted trends in complex data sets using supervised and unsupervised learning techniques. Developed and established strong business relationships with both internal personnel and external solution providers.

### Data Engineer Trainee

Intellipaat

Feb 2023-Present

Developed, implemented and maintained data analytics protocols, standards, and documentation. Explained data results and discussed how best to use data to support project objectives. Monitored incoming data analytics requests and distributed results to support strategies.

### Data Science Intern

DevTown

July 2022-Dec 2022

Created data visualization graphics, translating complex data sets into comprehensive visual representations. Translated cost and benefits of machine learning technology.

### Data Science Lead

GDSC BBDNIIT

July 2022- Present

### Chairperson

BBDNIIT ACM Student Chapter

April 2023-  
Present

### Treasurer

IEEE BBDNIIT Student Branch

March 2023-  
Present

## Data Visualisation Tools

- PowerBI, Tableau

## Python Library and Frameworks

- Scikit-Learn, Tensorflow, Keras, REST APIs, Pandas , Numpy, Scipy, PyTorch, PySpark, Beautifulsoup

## Databases

- MySQL, Oracle, Microsoft-SQL, MongoDB

## Spreadsheets

- Microsoft Excel, Google Sheets

## Programming Languages

- Python, R programming, SQL, NoSQL, Scala, SAS, Java

## Certifications

- **Google Data Analytics Certification**  
Provider: Google
- **Data Science Industrial Training**  
Provider: DevTown
- **100 Days of Python Pro Bootcamp**  
Provider: Udemy
- **Data Science Master Architect Course**  
Provider: Intellipaat
- **Big Data Hadoop Training**  
Provider: Intellipaat

## Personal Projects

### Scrapping and Data Analysis on multiple URLs at same time.

The objective of this assignment is to extract textual data articles from the given URL and perform text analysis to compute variables.

### Flowers Recognition Project based on Deep Learning

A neural network that can take an input of an image and returns the output to tell whether the image belongs to the following categories - Daisy, Dandelion, Rose, Sunflower or Tulip.

### Bank Loan Eligibility Project based on Machine Learning

An appropriate model for the project to predict the customers who are eligible for the loan.

### Credit Card Loan Approval Project based on Machine Learning

Company wants to automate the loan eligibility process (real time) based on customer detail provided while filling online application form. These details are Gender, Marital Status, Education, Number of Dependents, Income, Loan Amount, Credit History and others. To automate this process, they have given a problem to identify the customers segments, those are eligible for loan amount so that they can specifically target these customers.

### Insurance Prediction Project based on Machine Learning

The objective of purposed work is to predict the insurance of a person and identify those patients with health insurance policy and medical details weather they have health issues or not.