

# Divyam

Data Scientist, Machine Learning Engineer, Web Developer

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## EXPERIENCE

### Medicento, Bangalore— Summer Intern

May 2019 - June 2019

Prepared an LSTM Model based on deep learning that detects the amount of inventories product.

The smart AI-based inventory management system segregates products based on the demand of the market, thus decreasing stock on period and generating better revenues.

Used analytical skill sets in distributor inventory analysis, hospital data churning, and pharmacy behaviour analysis, thus optimising inventory, delivery model and minimising expired products.

## PROJECTS

### Credit Card Default Prediction and Analysis —

Analyzing clients dataset and predicting whether the client is defaulted or not based on various personal and economic attributes. Various classifiers - Random Forest, Support Vector Machine, Logistic Regression, Naive Bayes, K-nearest neighbours were trained to analyse how well they perform and was performed using libraries - pandas, NumPy, matplotlib, scikit learn

### Sentiment Analysis —

Analysing IMDb movie review data and predicting whether the review is positive or negative by using logistic regression classifier estimator for scikit learn for document classification.

### Image Compression —

Compressing high-quality image data by implementing -means clustering unsupervised learning algorithm using the scikit learn module and python along with interactive GUI components for interactive controls

## SKILLS

Data Science  
Machine Learning  
Deep Learning  
Natural Language Processing  
Computer Vision  
Web Development  
Numpy, Pandas, Sklearn,  
Tensorflow, Keras, NLTK,  
Open-Cv, Git, Anaconda

## LANGUAGES

Python  
C++/C  
HTML5  
CSS  
JavaScript

## EXTRACURRICULAR & ACADEMIC ACTIVITIES

### JP Morgan Virtual Internship

May 2020

Participated in Open access JP Morgan Virtual Experience Program.

### National Social Scheme

June 2016 - April 2016

Worked as a volunteer in the organisation for 1 year period and helped in increasing the awareness to keep among the environment clean among the shopkeepers in the market area.

## Recurrent Neural Network —

Created, trained and evaluated a Recurrent Neural Network using Keras with TensorFlow where model infer the meaning of various characters from a sequence of text input (string data showing the addition of two numbers) and then learn addition from the data

## Diabetes Patient Prediction —

The objective of the dataset is to predict whether or not a patient has diabetes, based on certain diagnostic measurements included in the dataset and the model performance analysis is done using Confusion Matrix, Classification Report, and Receiver Operating Characteristic (ROC) Curve

## EDUCATION

### Indian Institute of Technology, Roorkee — *B.Tech.*

June 2016 - May 2020

Civil Engineering

C.G.P.A. - 7.7

### Modern Delhi Public School, Faridabad — *12th, C.B.S.E.*

April 2014 - March 2016

Percentage - 92.2%

### Intra Bhawan Tournament

2017 - 2018

Organise tournaments of Counter-Strike: Global Offensive and FIFA for two consecutive years

## HOBBIES

Pro Video Gamer

Bibliomaniac

Running

Badminton