

# AMIT KUMAR

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## OBJECTIVES

- Work with an organization that provides a motivating work environment, where I can utilize my software skills, analytical and problem-solving skills for successful career, which will ultimately benefit the organization and society.

## PROJECTS

### HEART DISEASE ANALYSIS

- The objective is to determine whether an individual has heart disease or not based on various features or attributes, such as age, gender, cholesterol levels, blood pressure, etc.
- During this project we required dataset and we taken dataset from Kaggle website. After that we done a cleaning, preprocessing, and scaling with data in dataset. After that we fit the data into machine learning model.
- In this project during the fitting a model we used Logistic Regression algorithm and the score on test data with 89 percent. After that we predict the features by model.

### REAL\_ESTATE\_PRICE\_PREDICTION

- The objective is to determine the price prediction of Bangalore cities based on their attributes and features in the given dataset.
- During this project we required dataset and we taken dataset from Kaggle website. After that we done a cleaning, preprocessing, and scaling with data in dataset. After that we fit the data into machine learning model.
- In this project during the fitting a model we used Random Forest Regression algorithm and the score test data is 96 percent. After that we predict the features by model.

### IMAGE CLASSIFICATION

- The objective is to determine to identifies the images of animal in the given dataset. The dataset taken from TensorFlow library.
- Making this project we applied the skills Python, TensorFlow, Convolution Neural Networks.
- Accuracy of model score on test data is 76 percent

### TEXT CLASSIFICATION

- The objective is to determine fake and real news based on the data in the dataset. During this project we required data so we taken from Kaggle website.
- During this project we applied the skills Python, Spacy, Genism, NLP, Machine Learning algorithms.
- Accuracy of model score on test data is 100 percent.

## INTERNSHIP

**TCSION** (Image classification using different machine learning algorithms)

**3 Oct 2021— 6 Dec 2021**

- My role at TCSION is learner. In this internship, I learnt Machine Learning, Data Analysis, Statistics, Deep Learning, NLP, Artificial Intelligence, Transfer Learning and Data Science.
- At TCSION, I worked on Projects like Image Classification, Text Classification, Supervised Learning, Unsupervised Learning and Time Series data. I learnt Data Analyst, Statistics skills during all these projects. All of these projects are based on real world scenarios.

## QUALIFICATION

**Bachelor of Technology, Information Technology**

Muzaffarpur institute of technology, CGPA: 8.0/10.00

**12 Sep 2023(completed)**

Muzaffarpur, Bihar, India

## TECHNICAL SKILLS

**Programming** Python, MySQL, HTML, CSS, fast API, C Language.

**Skills** Data Science, Machine Learning, NLP, Power BI, Excel, Data Analysis, Linux

## ACHIEVMENT & CERTIFICATIONS

- Bootcamp in Machine Learning and Data Science by Udemy
- Data science with python by Simplilearn
- The Joy with Python by NPTEL
- C Language by NPTEL
- Cloud Computing by NPTEL