

Parth Shukla

B.Tech 2nd year Student

I am a Machine Learning and Deep Learning Enthusiast eager to explore the field very deeply and apply my learnings on the real world problems.



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EDUCATION

B.Tech in Petroleum Engineering Pandit Deendayal Energy University

07/2020 - Present

9.66

Higher Secondary Education (12th Science) L S High School (NCERT)

06/2018 - 06/2020

97.66 %tile

Secondary Education (10th Class) L.S.High School (NCERT)

03/2017 - 03/2018

97.00 %tile

PERSONAL PROJECTS

Spam Classifier

- Built a spam classifier model which can classify whether a given text is spam or ham based on the training data provided.

Movies Recommender System

- Built a movie recommender system which recommends 5 movies based on given input of user's interest.

Personal Portfolio Website

- Built a personal portfolio website including 6 attached webpages with the help of HTML and CSS for frontend Development and Django for backend Development.

Image Classifier Project

- Built a Image Classifier project with the help of LSTM and SVM which classifies the given Image and label it on the basis of training images data on which model is trained.

Water Quality Prediction

- Using Decision Tree Classifier to predict the quality of the water given in the dataset

Stock Market Prediction

- Built a stock market closing price predictor model in time series with the help of Long Short Term Memory (LSTM).

Sentiment Analysis Model

- Built a sentiment analyser model with the help of NLP concepts which predicts whether a given sample text is positive or negative.

IPL Data Analysis - Tableau

- Performed a fantastic exploratory data analysis on IPL dataset and built a visualization dashboard using Tableau.

Forest Fire Prediction (with Flask)

- Built a forest fire predicted model which predicts the probability of forest fire and deployed it using Flask micro-framework.

SKILLS

Python

Machine Learning

Deep Learning

ANN

CNN

RNN

Data Analytics

Data Science

NLP

Time Series Forecasting

Data Cleaning

Exploratory Data Analysis

Data Visualization

Encoding

Feature Engineering

PCA

ML Algorithms

Ensemble Learning

LSTM

Tableau

ORGANIZATIONS

Society of Petroleum Engineers (SPE) (08/2020 - Present)

Member

SEG/SPG PDEU Student Chapter (01/2022 - Present)

Core Committee Member

CERTIFICATES

Machine Learning with Python , Coursera

Learnt some python basics and useful libraries like numpy , pandas , matplotlib etc to apply them in real time model building.

Exploratory Data Analysis , IBM

Learnt scikit-learn and seaborn library to perform uni-variate ,Bi-variate and multi-variate analysis on the given features.

Machine Learning using Python , IBM

Learnt data cleaning and feature engineering techniques to handle dataset and train a model using different different algorithms

Data Visualization using tableau

Learn to perform Interactive Data Visualization using Tableau framework.

Machine Learning by Kaggle

Learn Python , pandas , data cleaning , geospatial analysis and feature engineering techniques from famous data science platform Kaggle

LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Native or Bilingual Proficiency

Gujarati

Native or Bilingual Proficiency

INTERESTS

Machine learning

Deep Learning

Data Science

Reading

Chess

Cycling