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Profile

Skilled in machine learning and developing ML models . Possesses a diverse experience in cleaning and analyzing data , enhancing existing models and fully proficient in Python .

Education

B Tech, *Shri Mata Vaishno Devi University* — 07/2019 – present
Electronics and Communications Engineering (ECE) — Katra, India

Senior Secondary Education, *Army Public School, BD Bari* — 2019
Percentage - 85.6% — Bari Brahmana, Jammu and Kashmir

Secondary Education, *Army Public School, BD Bar* — 2017
CGPA - 9.8 — Bari Brahmana, Jammu and Kashmir

SKILLS

Tools : VS Code , PyCharm , Postman
Programming language : Python
Database :mysql , mongodb
Machine Learning : Statistical Analysis , Exploratory data Analysis , Feature engineering , Regression, classification and Clustering algorithms

Professional Experience

PROJECT INTERN — 07/2022 – 08/2022

- Internship under project RP-126 for "Setting up of HIgh-End Computing AI and Deep learning lab" at SMVDU under Dr. Baijnath Kaushik .
- worked on image dataset for image classification in medical domain.
- Application of various CNN architecture .

Projects

Python Project

- YouTube Scraper Project using Python-Flask, YouTube API, Snowflake and MongoDB.
- Deployed this project on local server

input

- YouTube Channel Link and number of Videos

output -

- YouTube Thumbnail will be uploaded to mogoDB in base64 format.
- All the information regarding the channel and individual video will be uploaded to snowflake.
- videos will be first download into local system then it will be uploaded to google drive (automatically) using Drive API v3

Movie Recommender System

- In this machine learning project, I have build a recommendation system which suggests movies to the user based on his/her preferences.
- Datasets - IMDB 5000 Movie Dataset ,The Movies Dataset ,List of movies (2018-2021) from Wikipedia
- The movies are recommended based on Similarity Scores
- Some features are extracted fetched using an API by TMDB
- Model Deployment Using Streamlit

Air pressure system failures in Scania trucks

This is a machine learning project comes under classification .The main task is to predict failures and minimize costs based on sensor readings

- Created a Training pipeline and Batch prediction pipeline .
- Used CI/CT/CD pipeline for that I used github action ,Docker , Airflow and AWS

NLPify

- Developed a sophisticated AI platform that extracts various NLP features, including sentiment analysis, named entity recognition, and text summarization, from app review data.
- Performed extensive data preprocessing using techniques such as tokenization, lemmatization, and vectorization to transform the raw data into a machinereadable format.
- Created a Binary classification model using logistic regression and a text vectorization pipeline to predict sentiment, and deployed the platform as a user-friendly web app using the Streamlit framework.

Certificates

- SQL for Data Science
- Introduction to HTML5
- Machine Learning: Regression
- Programming for Everybody (Getting Started with Python)
- Machine Learning Foundations: A Case Study Approach

SOFT SKILLS

- Time management
- Leadership
- Teamwork
- Analytical Thinking

Hobbies

video editing