Nikhil Kumar

Full Stack Data Science Enthusiast

Motivated and passionate Data Science Enthusiast with experience in data analysis, machine learning, and statistical modeling. Eager to contribute insights from diverse datasets and collaborate with a dynamic team.

yadavnikhilrao@gmail.com ✉
09027800200 📱
Najafgarh, New Delhi, India 🖈
yadavnikhilrao.github.io/portfolio 🖥
github.com/yadavnikhilrao 🐙
linkedin.com/in/yadavnikhilrao in

Education

Master of Computer Applications
KIET Group of Institutions (AKTU)
08/2022 - Present,   *Delhi - NCR*

Bachelor of Computer Applications
Chaudhary Charan Singh University
07/2019 - 08/2022,   *Meerut*

Intermediate
SCA Memorial Public School (CBSE)
03/2018 - 04/2019,   *Bulandshahr*

High School
BK Academy Babugarh Cantt (CBSE)
04/2016 - 05/2017,   *Hapur*

Work Experience

Data Science Intern
Testrinx Software Solutions Pvt Ltd
10/2021 - 08/2022,   *Noida Sec 2*
Achievements/Tasks

- To Pre-process the data of large size and handle time series.
- To build and Train Machine Learning Model using Linear Regression, Random Forest Classification, AdaBoost, XGBoost Classification, Voting Classifier.
- To find the accuracy of the Model Prediction using Classification Reports, Confusion Matrix, AUC Score.
- To plot the prediction graphs using Matplotlib Library to show the relation between time and price.

Personal Projects

Patient Management System
May 20, 2023 – June 28, 2023,
- Project link : pranikmedicalservices.pythonanywhere.com
- Developed a Hospital Appointment Management System using Python, Flask, and MySQL.
- Created a user-friendly web application for patients to search and book appointments with registered doctors.

Movie Recommendation System
January 20, 2023 - February 15, 2023,
- Project link : pranik.pythonanywhere.com
- A personalized movie recommendation system using Python, Flask, and Collaborative filtering.
- Implemented a user-friendly interface with search functionality and movie suggestions.
- Integrated movie trailers for an enhanced user experience.

Healthcare prediction Breast Cancer Patient
February 02, 2022,
- Project link : yadavnikhilrao.pythonanywhere.com
- Compared different machine learning techniques across different performance measures.
- Worked on multi-label classification and random forest.
- Achieved an accuracy of 98.2%.

Technical Skills

Languages - Python, Java, C

Machine Learning - Linear Regression and Logistic Regression, SVMs, Random Forest, Clustering and Decision Tree, Bagging and Boosting, ANN

Libraries - Pandas, Numpy, Beautiful Soup, Seaborn, Matplotlib, Scikit-learn, NLTK, TensorFlow

Visualization Tools - Jupyter Notebook, Microsoft Power BI, Google Data Studio

Others - Flask, My SQL, HTML, CSS

Certification

Virtual Experience Data Analytic and Visualization – Dec 2022
From Forage with Accenture

Data Science in E-Commerce - Oct 2022
From upGrad

Google Analytics - May 2022
From Google Analytics Academy

Beautiful Soup - Jan 2022
From Great Learning

Machine Learning with Python - Sep 2021
From IBM

Data Science Trainee - 09/2021
From 4Achivers Training Institute

Publications

Published Paper In: ETRI Journal
- The Ultimate Recommendation System: Pranik Movies.
- https://shorturl.at/jorZ3

Published Journal In: HCI International Conference
- Predictive Breast Cancer Statistical Modelling for Early Diagnosis.

Organizations

ITLearnix Training Institute
"Unlock Your IT Potential" - Empowering Minds through Comprehensive Technical Training and Professional Development Programs for Higher Secondary Students and Professionals.

- Website link : itlearnix.pythonanywhere.com

Languages

English
Professional Working Proficiency

Hindi
Native or Bilingual Proficiency

Interests

Research in AI   Work Ethic   Travel