



Nikhil Kumar


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.

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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

Stock Market Prediction: InsightfulEquity

August 15, 2023 - September 09, 2023,

- Project link : <http://insightfulequity.pythonanywhere.com>
- Developed advanced predictive analytics models for stock market forecasting.
- Integrated sentiment analysis to gauge news impact on stocks.
- Provided timely recommendations for optimal buying and selling opportunities.

Patient Management System: PMS

May 20, 2023 - June 28, 2023,

- Project link : <http://pranikmedicalsolutions.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: Pranik Movies

January 20, 2023 - February 15, 2023,

- Project link : <http://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.

Technical Skills

Languages - Python, Java

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 Analytics

Others - Flask, My SQL, HTML, CSS

Certification

Deep Learning: Image Recognition - Sep 2023

From LinkedIn Learning

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

ORCID : <https://orcid.org/0009-0003-0587-9982>

Submitted Journal In: IEEE

- Unveiling Stock Market Trends through Predictive Analytics and Sentiment Analysis.

Published Journal In: Springer

- The Ultimate Recommendation System: Proposed Pranik Movies.
- <https://doi.org/10.1007/s11042-023-17370-x>

Published Journal In: KMS

- Predictive Breast Cancer Statistical Modelling for Early Diagnosis.
- <https://doi.org/10.4283/JMAG.2023.28.4.530>

Organizations

ITLearnix Training Institute - [Founder]

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

- Website link : <https://itlearnix.pythonanywhere.com>

Achievement

- First prize in the Ideathon held at KIET MCA Department on AI.

Interests

Research in AI

Work Ethic

Travel