

Nikhil Kumar

Data Science Enthusiast

An enthusiast learner familiar with collecting, cleaning, and organizing data for use by technical and non-technical personnel. A radical understanding of statistical and other analytical techniques. Highly organized, motivated, and hardworking with significant knowledge in data science.

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yadavnikhilrao.github.io/portfolio

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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, (Grade 66 %)

Meerut

Intermediate

SCA Memorial Public School (CBSE)

03/2018 - 04/2019, (Grade 65 %)

Bulandshahr

High School

BK Academy Babugarh Cantt (CBSE)

04/2016 - 05/2017, (Grade 72 %)

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.

Data Science Trainee

4Achievers Training Institute

01/2021 - 09/2021,

Noida Sec 15

Achievements/Tasks

- Learnt Python from basics, worked on machine learning.
- Got familiar with data visualization and performed data analysis on multiple projects.
- Performed multiple exploratory data analysis on provided datasets and developing algorithms for predictive modelling.



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

Technical Skills

Languages - Python, C (Core)

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

Deep Learning - ANN, CNN, RNN, LSTMs, GNN, Encoder-Decoder, BERT, Transforms

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

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

Others - Flask, HTML, CSS, My SQL

Personal Projects

Movie Recommendation System

January 20, 2023

- github.com/yadavnikhilrao/Movie_Recommendation_System
- The Movie Database: TMDb
- Collaborative filtering: genre, cast, crew
- All the models are implemented in Python using pandas, sklearn and flask.

Healthcare prediction Breast Cancer Patient

February 2, 2022

- 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%.