Nikhil Kumar

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.

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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

Junior Data Analyst Intern
Sajawaat Home
02/2023 - Present,   *Delhi - NCR*
Achievements/Tasks
- Scoping and estimating project tasks, managing multiple tasks with minimal supervision.
- Leading e-commerce and multichannel/Unified Commerce initiatives, including digital development, user experience, organizational change and technology.

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.

Technical Skills

Languages - Python, C (Core)

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, Microsoft Excel, Data Studio

Others - Flask, HTML, CSS, My SQL

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

Personal Projects And Publications

Hospital Appointment Management System
May 05, 2023 – Present,
- 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.
- Local for vocal (This service provide for all local clinics)

Movie Recommendation System
January 20, 2023,
- github.com/yadavnikhilrao/Movie_Recommendation_System
- The Movie Database: Collected from TMDB and Wikipedia.
- Collaborative filtering: genre, cast, crew
- All the models are implemented in Python using pandas, sklearn and flask.

Healthcare prediction Breast Cancer Patient
February 02, 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%.

Published Paper In: HCI International Conference
- Predictive Breast Cancer Statistical Modelling for Early Diagnosis.
- The Ultimate Recommendation System: Pranik Movies.