GAURAV PATHAK

Katihar, Bihar

📞 +91-9508741332

✉ pathakgaurav21june@gmail.com 🔗 Linkedin 🔗 Github HackerRank

EDUCATION

Lovely Professional University, Phagwara   **2022 − 2026**
*B.Tech - Computer Science and Engineering (Data Science with ML)- **CGPA** - **8.1***   *Phagwara, Punjab*

COURSEWORK / SKILLS

- Python
- EDA
- Statistics and Probability
- Data Structures
- Machine Learning
- Data Visualization
- DBMS
- Analytical Skill

PROJECTS

Agriculture/Horticulture commodities price prediction ⧉ | Python, Flask, Scikit-Learn   **(08-2024)**

- Implemented a hybrid machine learning model integrating Random Forest and Prophet to predict the prices of agricultural and horticultural commodities.
- The hybrid model effectively improved prediction accuracy and handled both seasonal and non-seasonal data.
- Robust RESTful APIs using Flask to facilitate smooth interactions between the user interface and prediction engine.
- **Learning Outcomes** : Gained experience in building hybrid machine learning models and implementing Flask for backend web development.

Uber Supply-Demand Gap Analysis ⧉ | Python, Pandas, NumPy , Seaborn, Power Point   **(02-2024)**

- The aim of the analysis is to identify the root cause of the problem (i.e. cancellation and non-availability of cars) and recommend ways to improve the situation.
- **Learning outcomes** : Learn about how to perform data preprocessing, exploratory data analysis, data visualization and finding hidden patterns.

PCOS Prediction with User-Interface ⧉ | Python, HTML, CSS, RESTful APIs   **(09-2023)**

- This website provides Diagnosis information of Polycystic Ovary Syndrome (PCOS). It predicts whether the patient suffering from PCOS or not.
- **Learning outcomes** : Learn about Logistics Regression, Flask Framework and medical aspects of PCOS.

TECHNICAL SKILLS

Languages: Python, SQL

Technologies/Frameworks: Scikit-Learn, TensorFlow, PyTorch, MongoDB, Tableau

Developer Tools: Google Colab, XAMPP , VS Code, PyCharm, Github, Kaggle, PAGE

CERTIFICATIONS

- Complete Python With DSA Bootcamp + LEETCODE Exercises -Udemy
- Data Science Masters - pwskills
- Data Structures and Algorithms using Python - CSE Pathshala

EXTRACURRICULAR

- Volunteer, Muskan Foundation (05-2023 - 07-2023)
- Flute (Music) Developing proficiency in flute playing; pursue music as a creative outlet to balance academics with artistic expression.