

Pawan Kumar

DATA SCIENTIST & PYTHON DEVELOPER

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OBJECTIVE

Enthusiastic and committed professional with a genuine interest in software programs, seeking a position in a progressive company that values my analytical and technical skills, providing opportunities for ongoing skill enhancement. I possess the ability to thrive both independently and collaboratively within a team environment.

EXPERIENCE

Remote Data Science Intern at Technocolabs India

JAN-2023 to MAR-2023

EDUCATION

Mehran University, B.E Software Engineering

OCT-2019 to NOV-2023

TECHNICAL SKILLS

- **Data Science:** Python, Tensor flow, Scikit learn, OpenCV, Pytorch, XGBoost, Matplotlib, Seaborn, NumPy, SciPy, Pandas, CNN, RCNN, Object Detection (YOLO Algorithm) & NLP.
- **Back End Development:** Flask
- **Desktop Development:** Python & JAVA
- **Databases:** MySQL
- **Tools:** PyCharm, Visual Studio Code, Jupyter Notebook, Google Collab, Git, GitHub.

PROJECTS

Driver Drowsiness Detection System (FYP)

- To design an Android application that will detect drowsiness through facial expressions or eye movement of the driver and then ring an alarm if detected.
- To implement a system that can enhance the safety of drivers by waking them up if they mistakenly fall asleep.
- To develop a decision support monitoring system that provides decision support for the safety management system.

Bondora Risk Analysis

- Its predictive model predicts whether a borrower will default; if not, it predicts the Return on Investment (ROI), Equated Monthly Installment (EMI), and Estimated Loss Amount (ELA).
- Developed a predictive model using Machine Learning with Scikit-Learn to build classification and regression models.
- Deployed to the web for a better user experience, developed the frontend of the website using HTML and CSS, and the backend using Flask.
- **Technologies used:** Logistic Regression, Classification, Random Forest Classifier, Scikit learn, NumPy, Pandas, Matplotlib, Seaborn, HTML, CSS & Flask.
- **GitHub Link:** <https://github.com/khatri7968/Bondora-Risk-Analysis>

Stock Market Prediction

- It's predictive model which predicts the future prices of the stock.
- Developed Predictive Model which is using Deep learning with TensorFlow and keras for building different layers for training the LSTM model.
- Technologies used: Stacked LSTM algorithm, TensorFlow, Keras, NumPy, Pandas, Matplotlib, Seaborn.
- **GitHub Link:** <https://github.com/khatri7968/LETSGROWMORE/blob/main/StockMarketPrediction.ipynb>