

Data Analyst with analytical background and 1 years of experience using predictive modeling, data processing, and data mining algorithms to solve challenging business problems. Skilled in Supervised learning, Classification, Regression, Ensemble, Computer Vision, Image Processing, OpenCV, Neural Network, Deep Learning, ANN, RNN, LSTM, Tensor flow, Keras, Machine Learning, Statistics, SQL and NLP.

Summary

- Overall, 1 Year of experience in **Data Science, Computer Vision, Machine Learning**, and **Data Analytic**.
- Currently working on Python to conduct **Sentiment Analysis** of Social media news using **LSTM** and **Bidirectional LSTM**.
- Using **Classification and Regression** techniques for predictive Analysis.
- Build Fake news Classifier model using **LSTM** and **Bidirectional LSTM**.
- Built Stock Price Prediction model using **LSTM**.
- Used **CNN** for **Image classification** with more than 90 percent accuracy.
- Participated in **Churn prediction competition using Keras** with 80 percent accuracy.
- Created ML model to predict Blood Donations with **108th rank** out of 5663 participants on **DrivenData**.
- Participated in Ericsson ML hiring Challenge with **66th rank** out of 2585 participants on **HACKEREARTH**.
- Predicting Disease Spread competition on **DrivenData** with **1500 rank** out of 8000 people.
- Big mart sales prediction problem on **ANALYTICS VIDHYA** with **270th rank** out of 2500 participants.

Technical Skills

- **Data preprocessing/Data Engineering:** Pandas, Numpy
- **Data Visualization:** Matplotlib, Seaborn
- **regression:** Linear Regreesion, Lasso, Ridge, Decision-tree Regressor
- **classification:** Logistic Regression, Decision-tree classifier, SVM, KNN.
- **ensemble methods:** Bagging, Boosting, Random-Forest, Xgboost, Catboost, Lightgbm, Adaboost, Voting classifier/regressor
- **NLP:** Bag of words, CountVectorizer, TfidfVectorizer, word2vec, doc2vec, Nltk, Lemmatize, Porter-stemmer, SnowballStemmer, textblob, Tokenize, Sentiment analysis.
- **Deep learning:** Tensorflow, Keras, CNN, RNN, LSTM, ANN, Image classification.

Work Experience

- Working as a **Data Analyst** at **DRDO**, Delhi from September 2020 to till date.
(Tools used: **Python, Machine learning, Deep learning, computer vision, NLP and SQL**)

Education

- **Bachelor of Technology in Computer Science** at **SRM UNIVERSITY** with 6.6 CGPA from 2015-19.
- Higher Education from St. Joseph Public School with **73.3%** in 2015.

Personal Information:

Date of birth: 31st August 1997

Language: Hindi, English

Gender: Male

Declaration: I hereby declare that all the information mentioned above is true to the best of my knowledge.

(Utsav Porwal)