Ajay Kumar Sharma
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Education

- **DPGITM, Maharshi Dayanand University** Gurgaon, India
  Bachelor of Technology in Computer Science *Aug 2013 - Jul 2017*

Skills

- **Programming Language**: Java, Python, SQL.
- **Other Tools**: Machine Learning, Deep Learning, Scrapy, Hadoop, Storm, Hive, MySql, Linux, Git.

Experience

- **QuickCompany** (Less than Equals Three Services Pvt. Ltd.) New Delhi, India
  Software Developer (Data Science) *Feb 2018 – May 2018*
  - Involved in product development by building data scraping API and deploying to cloud (Lambda and DynamoDB) and storing into database (MySQL), also involved in building companies trademark (image) search engine using Python and Machine Learning.

- **Xavient Information Systems** Noida, India
  Internship in Big Data Analytics *Jan 2017 - Jun 2017*
  - Set up and configure multi node hadoop cluster on Hortonworks Data Platform. Involved in building and deploying data ingestion pipeline for batch as well as real time streaming using Storm, Spark, Hadoop, Kafka,
  - HBase and Hive.

Projects

- **Detect Pneumonia from X-ray**: It is a binary classification problem having two class labels “Normal” and “Pneumonia”. Solve the problem by building the deep Convolutional Neural Network on different models like VGG16, Inception V3, ResNet50, InceptionResNetV2 and Xception. I used dropout, max-pooling, batch normalization with ReLU activation and categorical_crossentropy loss function.
- **Yellow Taxi Demand Prediction in NYC**: Predict the pick up density of yellow cabs at a given particular time and a location in New York City. Techniques used : K-Means, Smoothing, Linear Regression, Random Forest, XGBoost, Time Series Forecasting and Fourier Transformation.
- **Quora Question Pair Similarity**: Identify which questions asked on Quora are duplicates of questions that have already been asked. This could be useful to instantly provide answers to questions that have already been answered. We are tasked with predicting whether a pair of questions are duplicates or not. Techniques used : Logistic Regression, Linear SVM and XGBoost.

Other Personal Details

- **DOB**: 03.02.1995
- **Hobbies**: Cricket, Soccer, Music, Spenting time with family and friends.