

# Ujjwal Kumar

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## EDUCATION

**Lakshmi Narain College of Technology**, Bhopal, Madhya Pradesh, India

- B.E in Computer Science & Engineering

May 2014 – Present

**Kendriya Vidhyalaya**, Patna, Bihar, India

- AISSCE in Science
- Grade: 89.6 %

Apr 2013

## MOOCS

- Applied Machine Learning at [Appliedaicourse.com](https://www.appliedaicourse.com)
- Machine Learning by Stanford University at [Coursera.org](https://www.coursera.org)
- Grade: 96.1 %

Feb 2018 – Present

## SKILLS

**Programming Languages:** Python, Javascript, SQL, HTML, CSS, C++ (Basic), Java (Basic)

**Machine Learning Algorithms:** K Nearest Neighbours, Naive Bayes, Logistic Regression, Linear Regression, Support Vector Machines, Decision Trees, Random Forest, Gradient Boosting Decision Trees, K-means, Hierarchical Clustering, DBSCAN

### Software Packages and Frameworks

- Angular
- Octave
- MySQL
- Latex

### Platforms

- Windows
- Linux

## PROJECTS

**Cab Pickup Density Prediction at a Particular Time and Location** [Notebook]

**Description:** Cleaned the data, Explored the features (EDA), removed Outliers and built and compare machine learning models like linear regression, random forest, GBDT and Time Series based models like simple, weighted and exponential moving average models to predict the density of pickup requests at a particular location and time in New York City based on historical data.

**Skills:** Python

**Sentiment Classifier on Amazon Fine Food Reviews** [Notebook]

**Description:** Cleaned the noise and inconsistencies in the data, Performed NLP tasks to clean the text and Built and compare classification machine learning models such as K-NN, Logistic Regression, Random Forest, GBDT, etc on Bag of Words, Tf-Idf, Avg-word2vec and Tf-Idf-word2vec features vectors of text.

**Skills:** Python, SQL

## LANGUAGES

- English: Fluent (speaking, reading, writing).
- Hindi: Native language.

## INTERESTS

- Discussing and debating on Machine Learning concepts
- Playing Computer Games
- Watching Anime
- Fixing broken electronic items.