Ayushi Rastogi

+91-7300839939 | [rastogiayushi15@gmail.com](mailto:rastogiayushi15@gmail.com) | [www.linkedin.com/in/ayushi-rastogi-415432126](http://www.linkedin.com/in/ayushi-rastogi-415432126) | <https://www.kaggle.com/ayushirastogi15>

# Education

**Banasthali University Jaipur, India**

Bachelors of Technology in Computer Science; **Percentage: 72.3%** *Jul 2014 – May 2018*

**KCM School** **Moradabad, India**

All India Senior School Certificate Examination, CBSE; **Percentage: 83.50%** 2014

Secondary School Examination, CBSE; **CGPA: 8.40/10.00** 2012

# Skills and coursework

Skills: Python, SQL, C/C++, Jupyter Notebook, Shell Scripting, Python libraries (Pandas, Numpy, scikit-learn, Matplotlib, Plotly, seaborn, Opencv), Machine Learning (Predictive Modeling, Classification, Clustering), Data Analysis, Data Visualization, Text Mining, Social Network Analysis, Web Scraping, Time Series Forecasting, Access Database with Python.

**Soft Skills:** Communication, Team Work, Problem-solving.

**Online Coursework:** Deep Learning Specialization (ongoing).

# ProFessional experience

Wipro Technologies **Greater Noida, India**

*Project Engineer, Salesforce Department Aug 2018 - Nov 2019*

* Skilled in Salesforce Technology, learned about how its programming language - Apex, query language - SOQL & SOSL use Salesforce cloud platform for the CRM.
* Exploratory Data analysis & Data Visualization on the unemployment data of 29 years for India & USA & found out that USA’s job loss is 8% higher than that of India’s in 2010 which reduces to 2% in 2019.

**IIIT-Hyderabad, Anusaaraka – Machine Translation System** **Hyderabad, India**

*Research Intern June - Nov 2017*

* Identified & worked on the word-alignment problem & transliteration problem for Anusaaraka system.
* Used Google Deep Learning framework Tensor flow for improving transliteration using RNN.
* Developed multiword dictionary for improving word sense disambiguation problem & word-alignment.
* Developed a program to distinguish between sentence and headings which improved word-alignment.
* Developed an algorithm to extract a Hindi word equivalent to an English word using parallel corpus.
* Data cleaning of parallel corpus using spelling checker, transliteration program for the improvement of translation.
* Above developed solutions improved the accuracy of translation from 70% to 80%.

Banasthali University **Jaipur, India**

*Student, Android App* *Jan - May 201**7*

* Developed an android app (Complaint handling app) for Banasthali University by using Android Studio & Database framework, Firebase which will reduce the paper work & time as well.

# Projects

COVID-19 Exploratory Data Analysis & Visualization India

* Analyzed the data by finding recovery rate, death rate & infection/spread rate to know which city/state is at high risk.
* Got the idea of capacity of patients a state can sustain on a particular day & the maximum #beds we need to have.
* Got the idea of which age group has infected more often & will more likely to get infected.

Time Series Forecasting using ML India

* Analyzed & pre-processed 9 years of data of a company on stock market (stock prices) using Python libraries.
* Found patterns & insights by visualizing different technical indicators.
* Developed an ML Model (XGBoost) to forecast the stock prices using price dependent variables having an accuracy of approx. 98%.

House Prices Prediction using ML India

* Feature engineering on house dimensions, structure, #bedrooms, #kitchen etc. using pandas library.
* Developed a model to predict the house prices with an accuracy of 85%.

Text Extraction using Python India

* Analyzed & extracted the data from hundreds of financial documents like Balance Sheet.
* Developed a dictionary of given assets corresponding with their values, giving us precise data at one place.

Web Scraping of MakeMyTrip Website India

* Scraped the hotels data from website & extracted the hotel names, their location, their reviews, star rating using BeautifulSoup, request library.
* From this information, we now know the hotels that’ve high ratings & the customers that are more likely to visit there. We know the type of hotels they like so to recommend them more like that.

# Extra-Curricular Activities

* Build a line follower and obstacle avoider robot using Arduino Board and IDE Coding in Banasthali University.
* Presented a seminar on a tiny radar system (Soli sensing technology - a touch less technology) which records hand gestures & understands the working of tiny radar system.