

Mayank Rastogi

Helpful, Inquisitive ML Engineer with an Analytical Mindset,



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Career Objective

To succeed in an environment of growth and excellence and earn a job that provides me job satisfaction and self-development and helps me obtain personal as well as organizational goals. I am a self-taught Machine Learning engineer and analyst having the knowledge of statistics which helps me to solve real-life problems.

Academic Background

Year(s)	Qualification – Degree	Board/ University	College/ Institute/ University	Percentage/ CGPA
2018-2022	B. Tech in Computer Science Engineering- Specialization in Business Analytics & Opt.	UPES	University of Petroleum and Energy Studies	8.39/10
2017-2018	XII	ISC	C.P Vidya Niketan, Kaimganj, Farrukhabad	78.21%
2015-2016	X	ICSE	C.P Vidya Niketan, Kaimganj, Farrukhabad	81.43%

Projects Undertaken (Academics)

- Minor Project | C++, Data Structure & Algorithms, Machine Learning

Title: Integrated E-shopping Application

Duration: Feb 2021 – Ongoing

Project Description: Creating a Recommendation System that recommends the best mobile phone out of 10000+ mobiles by combining collaborative filtering and sentimental analysis. Ensured secured payment via RSA encryption algorithm and ensure fast delivery using shortest path algorithm i.e., Bi-directional Dijkstra. **Implementation of the project done in C++ language without using any machine learning library.**

Projects Undertaken (Personal Project)

- **Project-1 | Machine Learning**

Title: Predicting the First Inning Score of Indian Premier League | Machine Learning

Duration: March 2020 – April 2020

Project Description:

The project aims to predict the first inning score based on the previous innings played by particular team by taking the previous year's stats of the match.

In this, I have performed a data cleaning and remove the first 5 overs from all the matches of every team innings which is a part of feature Engineering.

Plot correlation matrix to find the correlation between different attributes and select the best.

Apply Different Regression algorithms like Random forests, Ada Boost Algorithm and select the best among these algorithms for final predictions by which user wants to predict.

Online Certifications

- Accomplished online certification in **Programming for Everybody (getting started with python)** from **UNIVERSITY OF MICHIGAN** in February 2020 through Coursera.
- Completed online certification in **Databases and SQL for Data Science with Python** from **IBM** in May 2020 through Coursera.
- Accomplished online certification in **Fundamentals of Visualization with Tableau** from **UNIVERSITY OF CALIFORNIA, DAVIS** in June 2020 through Coursera.

Co-Curricular Activities/Achievements

- Actively participated in CSI Hackathon 4.0 at UPES in the year 2019-2020.
- Secured 1st Position in UPES SPE event “Code for Series” under the banner of the cyber week.
- A health tech Start-up Idea appreciated and accepted for Incubation Program By UCIE.

Skills

Languages: C++, Python.

Database: MySQL, PostgreSQL.

Software: Tableau, Microsoft Excel, Jupyter.

Frameworks/Library: NumPy, Pandas, Matplotlib, Scikit-learn, flask, Keras, TensorFlow.

Data Science: Data Munging, ETL, Pipeline Construction.

Soft Skills: Business Model Analysis, Teamwork, Adaptable.

I hereby declare that the information stated above is true to the best of my knowledge.

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