

# Prakhar Kochhar

## EDUCATION

**Bachelor of Business Administration**  
**CSJM University**

Aug '18- Jun '21  
Kanpur, IN

## APPLIED DATA SCIENCE PROJECTS

### Credit Exploratory Data Analysis |

- **Objective:** This case study aims to identify patterns which indicate if a client has difficulty paying their instalments which may be used for taking actions such as denying the loan, reducing the amount of loan, lending (to risky applicants) at a higher interest rate, etc. This will ensure that the consumers capable of repaying the loan are not rejected.
- **Solution:** Performing **Bivariate** and **Multivariate** analysis and finding the **top 10 correlations** in the dataset.
- **Key Achievement:** Found out **factors** that can help us in identifying clients with payment difficulties.

### Linear Regression(Machine Learning) Model |

- Objective: A US bike sharing provider wants to understand the **factors** on which the demand for these **shared bikes** depends.
- Solution: Designed **Linear Regression models** to predict how the demand vary with different features moreover model helped us in understanding the **demand dynamics of new market**.
- Key Achievement: Developed a model with a **R-Squared score of 83% on train set and R-Squared score of 80% on the test set**.

## AWARDS AND CERTIFICATIONS

### MUSIC |

- I've been awarded a certificate with **distinction grades** in **Hindustani Classical Music(Singing)** by Prayag Sangeet Samiti.
- I've also managed to win a few competitions in **piano solo** genre of music.


### SPORTS |


- In year 2015, I bagged a **silver medal** in **district level table tennis** competition.
- I also participated in quite a few **state level table tennis cluster competitions**.


### ACADEMICS |

- I **won** few **debate** and **group discussion** competitions.
- I took part in **MUN conference** few times.
- I took part in quite a few **public speaking competitions** and managed to **win** few of them.

## CONTACT

 +91 9919101520

 prakharkochharknp@gmail.com

 Kanpur, IN

## SUMMARY

As a student **delving** into the constantly growing and developing realm of **data science** and **machine learning**, I am striving to refine my **aptitude** in this field by practicing **coding exercises** on diverse platforms such as **Hackerrank** and **Kaggle**, and delving into the **statistical** and **mathematical** aspects of machine learning. To further **streamline** and **optimize** my learning journey, I aspire to enroll in a **Master's program** in Data Science.

## Additional Information

### Additional Courses |

1. Learnt basics of six sigma through **six sigma white belt course**.
2. Learnt **Python and Statistics** for **Financial Analysis** through course on **Coursera**.

### Languages |

1. **Hindi**(Native)
2. **English**(Proficient)