

**CSEYYY: <Course Title>**

**[Fall 2021]**

**Project Report**

**Group No. – A (Section Z)**

**Submitted by:**

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| **Student ID** | **Student Name** | **Contribution Percentage** | **Signature** |
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*The difference between maximum and minimum contribution among the students must be at least 10%. Otherwise, penalty will be given to every member of the team. Remove this line when you prepare the report. Remove these lines after preparing report.*

# Introduction

Provide an overview of your project work including the performance of different models. Must not be more than 250 words.

# Data Preprocessing

Explain your data pre-processing steps including filling null values, dropping duplicates, encoding, scaling, dimensionality reduction or other approaches as applicable.

# Dataset Characteristics and Exploratory Data Analysis (EDA)

In this section, introduce your dataset. Mention number of rows, columns and other characteristics. Provide the histograms of data distribution and correlations among the variable with a suitable discussion. This section is a must for CSE303 students. For others, visualizations for EDA is not mandatory but will be appreciated and would carry bonus marks.

# Data Science Perspective Model

Provide a brief description of your built models you used.

Don’t copy-paste directly from the Internet! Write in your own words. Maximum 2 Pages.

# Loss and accuracy

Use charts, figures appropriately to visualize and compare the performance of your model or different models.

# Discussion

Most important section! Analyze the performance of the models and provide your hypothesis behind their performance, e.g. How model is performing better? Provide appropriate reasonings of your hypothesis.

# Conclusion

What’s on your mind after finishing this project?

Put remarks, comments, challenges, opportunities – anything in this section.

# References

Put your references here, if any.

# Appendix

Put your code here in Courier New, Font size: 10, Single spacing.