Final Project Format and Instructions

Data Analytics – AIGC5000 - Humber College

Section 1: Introduction

For the final project, Analyze the dataset which I shared, define a problem statement, perform statistical analysis, and report results and observations. Here are the steps:

Discuss the dataset and your observations. For example, perform visualization, univariate, bivariate, and multivariate analysis and also answer the following questions.

1. Data preprocessing and cleaning.
2. Where do the guests come from and perform special analysis.
3. Analyze price variation during the year.
4. Distribution of Nights spent at hotels by hotel type.
5. Analyzing the preference of guests, what do they basically prefer?
6. Analyzing special requests made by customers.
7. Analyzing the relationship between special requests and cancellations.
8. Which are the busiest months or in which guests are high?
9. How long do people stay at the hotels.
10. Analyze more about customers.

Please deliver the followings:

   • A final report, according to Section 2.

   • A final presentation, according to Section 3

Section 2. Final Report Structure

A template for the report is provided. Follow the following instructions in writing your project report:

1. First (title) page: Project title, Student names and ID

2. Submission format: .pdf

3. Maximum number of pages (excluding the title page): 2 pages

Section 3. Final Presentation Structure

1. Each of you will have 5 minutes to present.

Section 4. Evaluation and Timelines

The final mark will be calculated based on the quality of the report, presentation, and response to the questions during the presentation. A 20% penalty will be applied if the presentation or report templates and instructions are not followed. No late submission is allowed.

Presentation days: Dec 9th, Lecture and Lab time.

Report submission deadline: Dec 8th, at 11:59pm

If there are any questions, please send an email.