Statistical inference Project

Important note:

We will check your projects by cheating tool. Please do your project with your efforts, each group is separate from the other group. When we realize that there is a case of cheating, this team will be taken zero in the project grade.

Requirements to ALL PROJECTS

- **Make sure to download the dataset file corresponding to your project**
- **Implement the project using R environment**
- **The code must be well documented with clear comments within the code itself**
- **Apply data cleaning method (if needed)**
- **Apply different data visualization as explain in labs.**
- **Apply data analysis technique as explain in labs**

First Project Name

StudentsPerformance

Description

This Project includes information about a sample of students studying in two different institutes as well as their grades in three different exams. we intended to study and analyze a series of the real dataset. By making some statistics, visualization and then use best test and perform data analytics techniques.

DataSet Name

StudentsPerformance

Second Project Name

CustomerSegmentation

Description

This Project includes information about a sample of customers with their spending amount and their annual salary.we intended to study and analyze a series of the real dataset. By making some statistics , visualization and then use best test and perform data analytics techniques.

DataSet Name

CustomerSegmentation

Third Project Name

Fake News Detection

Description

Do you trust all the news you hear from social media? All news are not real, right? So we need to detect the news data to know the new if it is fake or real news.

DataSet Name

News.

Fourth Project Name

Clustering Heart Disease Patients

Description

Doctors frequently study former cases to learn how to best treat their patients. A patient who has a similar health history or symptoms to a previous patient could benefit from undergoing the same treatment. This project investigates whether doctors might be able to group together patients to target treatments using common unsupervised learning techniques.

DataSet Name

HeartDiseaesPatients.
