Assignment-10
Data Analytics and Visualization (CS/IT312)
30 March, 2022

Instructions

1. Create "Assignment10_Branch_YourId.py" file. *YourId* will be the student ID and *Branch* will be "CS" or "IT". For example, if student ID is 202018001 and Branch is CS, then file name will be "Assignment10_CS_202018001.py".

2. A student has to write the code for following tasks.

3. Upload your "Assignment10_Branch_YourId.py" file into the Google form shared on Google class room. Fill the Google form.

4. Please be present during lab session. The deadlines of the submission for group - 1 and group - 2 are 8 days from lab session.

Get help from:
Book: chapter 2: Practical Statistics for Data Scientists
Data Source: https://www.kaggle.com/datasets

Data:

- Data contains cookie cats game data (*cookie_cats.csv*).

Tasks

1. Check which version of the game is better by computing average "sum_gamerounds".

2. To check that the difference in average of "sum_gamerounds" is by change or it is real difference, perform the permutation **Resampling** on the data and derive the probability. Make the decision based on derived probability.