Course Project:1
Analyze Transfer Student Data and Recommend a Policy Change
MSBX 5410: Fundamentals of Data Analytics
Summer 2023

Project Overview:
      For many years, if a University of Colorado undergraduate student in one of the other schools and colleges wants to transfer to Leeds, they need an overall GPA of 3.0 or higher and B- or better in MATH 1112, ECON 2010, ECON 2020, and a statistics course. Further, if they had taken BCOR 1015 (a business course), they needed to earn a C or better in the course.
      As the "direct admission" (admission from high school directly) to Leeds has become more competitive, the number of students rejected from Leeds but admitted to CU has grown, and with it the number of students who successfully transfer in.
      The associate dean of undergraduate programs wants to raise the standards for transferring into Leeds. This will reduce the number of transfer students, which will make the classes easier to schedule. To reduce the number of transfer students by approximately 25%, how do you suggest she change the standard? What if she wanted to reduce the number by 50%, then what do you recommend?
      Use the data in the attached files to inform your recommendation. There is one file per semester. Each row in a file represents a student who successfully transferred to Leeds.

Data Files:
S-21-Admitted-IUTs.xlsx, F-21-Admitted-IUTs.xlsx,
S-22-Admitted-IUTs.xlsx, F-22-Admitted-IUTs.xlsx,
S-23-Admitted-IUTs.xlsx

Group Composition: Maximum group size is three. You may work as an individual (no group) if you choose. The final deliverable should clearly specify the contributions of each group member (see course syllabus for details).

Deliverable: A report of <u>no more than four pages</u>, that articulates and justifies your recommendations for the associate dean. The report may have a technical appendix (not counting toward the 4-page limit), but this will only be assessed if it is explicitly referenced in the main report.

Submission Details: A <u>printed</u> report should be submitted in class on Tuesday, August 15th.