PROJECT ASSIGNMENT

- Work individually.

- Submit a code and a short explanation along the code. The names of the files should be YOURNAME.py (or YOURNAME.ipynb) and YOURNAME.docx (e.g. OrsanOzener.py, OrsanOzener.docx)

- Any type of plagiarism will not be tolerated and will lead to disciplinary actions.

- **Due Date: TBD. Please submit your report through LMS. Only ONE submission per person.**

1   Introduction

In this assignment, you are expected to work on another cell provider's data ("cell2cell-v1.csv")about churn prediction, however instead of churn you are suppose to predict column "revenue" which is mean monthly revenue from the customer. Please use "CellLMS.ipynb" as the starting point where the missing rows are dropped, so on and so forth. Your ultimate goal is to minimize test MSE value, however, to do so you are supposed to perform a complete analysis including (not exhaustively) (i) variable interactions, (ii) variable transformation (iii) multi-collinearity issues, (iv) feature elimination, selection, (v) model selection...so basically everything that is related to this task.

If you have any questions, please send an email to: orsan.ozener@ozyegin.edu.tr