

Internal Meeting 2

Date & Time: 24 Jan 2:00pm - 3:00pm

Venue: School of Economics study lounge

Attendees: Ren Mengxi, Wang Sijia, Wang Tianjing

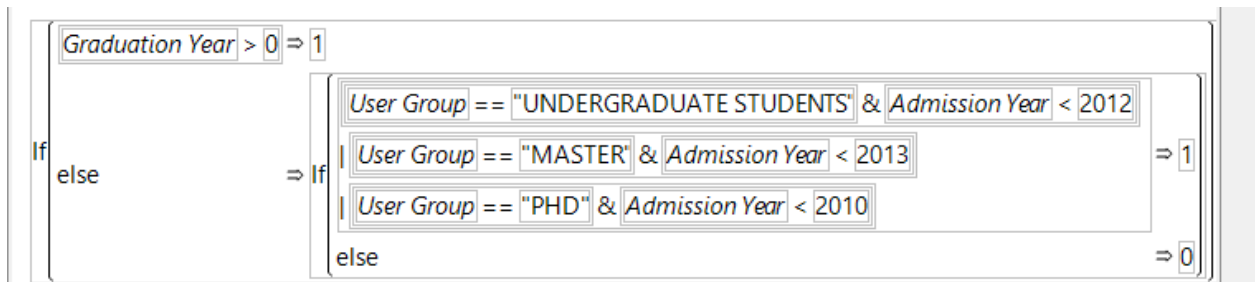
Absentees: Null

Agenda:

1. Look into the data and start preparation work
2. Discuss whether the proposed methodologies is feasible to apply to current data set

Details:

1. We firstly renamed the columns:
 - a. Device Name → Gantry
 - b. Statistical Category 1 → School
 - c. Statistical Category 2 → Major
 - d. Statistical Category 3 → Admission Year
 - e. Statistical Category 4 → Graduation Year
2. We changed the value for Gantry column to 1,2,3,4 instead of the long string. However, we found few useful information can be drawn from there unless we know the corresponding position of each gantry.
3. We cleaned some records as they have incomplete information about the schools, and some entry time are outside library office hours.
4. New columns like Hour & Day of Week were added to enable peak time analysis for a day/a week.
5. The rule proposed for defining alumni was applied:



6. We examined through the methodologies for data exploration and found that Association Rule may not as useful as we thought because our sponsor seems to be less interested in individual level. So that was moved to secondary. As for the clustering, we decided not to use it to discover groups as all parties have agreed that the result will not be very accurate. We will discuss with supervisor again see what business value can be driven from clustering/segmentation analysis.

Action Plan:

Item	Person in charge	Deadline
Consult Prof.Kam about the problems we found during data preparation	All	Jan.25

(work will be allocated after meeting with supervisor)