

23 Mar 2017 Supervisor Meeting 10

Created by: Jeremy Ong (23/03/17) Edited and Vetted by: Chermain Ang(23/03/17)

DATE		TIME	VENUE	νE				
23-Mar-17		2:00 PM - 3:00 PM	SMU SIS MI	1U SIS MR 4.6				
Meeting Type	Supervisor Meeting							
Facilitator	Chermain Ang							
Note taker	Jeremy Ong							
Timekeeper	Gareth Ng							
Attendees	Chermain Ang (CA), Gareth Ng (GN), Jeremy Ong (JO), Prof Kam Tin Seong (TS)							
Absentees	ΝΑ							
Agenda	1. Updates on Multiple Linear Regression analysis.							
MEETING ITEM 1: Updates on Multiple Linear Regression analysis.								
Name	Discussion			Follow Up By				
CA	 a. Showed group fo check the b. Showed correlati which of 							
TS	c. Elaborate the softw							
10	d. Asked ab analysis.	out how to read the ou	tput of stepwise					
TS GN	 e. Shared the ques what opt the ques what opt f. Mention good to leassification g. Pointed of should reast of the ques well, instant Squared h. When reast output - in it. i. Showed schools, schools, 	hat the numbering in br tions are for nominal va ions are considered for ed that if the response i bad, for example, we sh ition to ordinal. out that when we look a efer to the Adjusted R So tead of just comparing of results. porting the results, to u which should not have the analysis of Score Dis and the derived variable	ackets next to priables, telling us the grouping. is a range from ould change the at the results, we quared value as only the R se the effect test dummy variables stribution by es from stepwise.	GN				
TS	j. Mention performa	ed that if we want to ca ance for analysis, to con	tegorize school sider segmenting	01				



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		them by their score distribution – top 25%,	
		middle 50%, bottom 25%, then perform recursive	
		partitioning. Can be done on students dataset as	
		well. This is a data mining approach of looking at	
		the data.	
	k.	Guided the team on using decision tree analysis	
		based on the student performance categories	
		(top, mid, btm).	
	١.	Suggested that we can consider analyzing only	
		two groups of student performances. (i.e. top and	
		the rest OR btm and the rest OR mid and the	
		rest).	
	m.	Highlighted that for the report, it is up to the	
		team to decide how and what we want to write	
		on the research done, to focus on only the linear	
		regression method, or on recursive partitioning,	
		or both.	
	n.	Informed the team that a new folder is created	
		on elearn for the final artefacts, and advised us	
		to upload the files of our analysis done to date	
		(optional).	
CA	о.	Thanked Prof Kam for his advice and called an	
		end to the supervisor meeting.	
Remarks			

To-do

No.	Action Items	Person I/C	Deadline	Remarks
1g,	1. Reclassification of variables and re-run	CN	20 Mar	
h	MLR for school dataset.	GN	17	
1k, I, n 3	2. Explore decision tree analysis for student	JO	20 Mar 17	
	dataset.			
	3. Upload current analysis files into elearn			