

Singapore Management University

ANLY482 Analytics Practicum

Sponsor Minutes 4 as on 23th February 2017

Time Start:	2.10pm
Time End:	3.00pm
Location:	Edgefield Secondary School
Recorded by:	Heng Kok Chin
Vetted By:	Tan Yong Kiong, Alson

Attendees:	
Mr Lee Peck Ping Mrs Wong Puay Kheng Mdm Candice Ngau Shu Mei Heng Kok Chin Peh Zhan Hao Tan Yong Kiong, Alson	Principal, Edgefield Secondary School Vice-Principal, Edgefield Secondary School Head of Department (Mathematics), Edgefield Secondary School Undergraduate, Singapore Management University Undergraduate, Singapore Management University Undergraduate, Singapore Management University

Agenda

1. **Sponsor's Feedback**
2. **NDA**

No.	Discussion:	Action by:	Deadline:
1	Sponsor's Feedback <ul style="list-style-type: none"> • For 2014 & 2015, there is a huge jump when it comes to Secondary 3 • Break it up into different clusters (like uniformed groups, sports, clubs and societies) • Are we able to determine which are the subject combinations that was used to calculate the L1R4 or L1R5? • Not possible unless we calculate their scores manually • Feedback: Might not make much sense to proceed our analysis for race because most of the students are largely of 1 race, but still worth considering • Suggestion: Look into their SES (Housing, Martial Status of Parents, Race) • Search for similar PSLE and Sec 2 scores for the time-series analysis • Unclear of what we are trying to achieve for the project → Include a statement on what is our final objective for the project • Find out which is a better predictor for students grades (e.g. Maths or Science) • Streaming is often contested: When students go into the different subject combination \neq streaming. Students choose based on their own preference/interest, the school do not stop or limit them. • If a student is unable to qualify for a subject combination, the school will advise accordingly to see if the student is able to cope with the presentation 		

	<ul style="list-style-type: none"> • Academic standpoint: There isn't a 'best' class. Students are divided into 4 ability group ("seeded"). Each class, a certain number of students (around 10). Teachers take into account their class dynamics, and the top group will serve as a role model for the remaining students. Must take into account. • Look into other variables and factors (e.g. PSLE T-scores, CCA clusters (Uniform groups, Performing arts, Sports, Club and societies), SES, Martial Status), run an analysis to deem what is "complementary subject" (e.g. D&T might help physics instead of Biology, Biology and F&N, Math and Physics) • More analysis than description → So what? Make it clearer and obvious! Mismatch in what we are trying to do and what we have done (no continuity) • Table that shows the direct comparison across years → Easier to see • What is the conclusion? Math score, Science score, or what subject combination? • Sometimes, if a student feels like dropping a subject, the school will advise them to try out for a year first before dropping • Sec 3 results not so good might be because it is the transition during CCA (stepping down and passing to the next batch) • Lit is an optional subject • If you take combined science, you must take coursework • Some students take 7 subjects while others take 8 subjects (idea of a 'safety' subject), perhaps we can do some analysis on that? • In 2016, there is no 1 Pure 1 Combined because the T-Score for that year went up, so the school pushed students to take Double Science 		
2	NDA		
	<ul style="list-style-type: none"> • Obtain NDA from Sponsor the next time we see them 	Edufy	TBD