

# Singapore Management University

## ANLY482 Analytics Practicum

Internal Minutes 6 as on 21<sup>st</sup> February 2017

Time Start:	9.00am
Time End:	12.00pm
Location:	LKCSB GSR 3-2
Recorded by:	Tan Yong Kiong, Alson
Vetted By:	Heng Kok Chin

Attendees:	
Heng Kok Chin	Undergraduate, Singapore Management University
Peh Zhan Hao	Undergraduate, Singapore Management University
Tan Yong Kiong, Alson	Undergraduate, Singapore Management University

### Agenda

1. **Deciding the angle of the Interim Report and Presentation**
2. **Clarifying the workload for the deliverables**

No.	Discussion:	Action by:	Deadline:
<b>A</b>	<b>Interim Presentation</b>		
	<ul style="list-style-type: none"> <li>• Zhan Hao has suggested that we follow the format for our presentation:               <ul style="list-style-type: none"> <li>○ Intro of sponsor</li> <li>○ Problem – streaming of students by the end of Sec 2</li> <li>○ Motivation – Why we want to work on this problem?</li> <li>○ Project Objectives</li> <li>○ Exploratory Data Analysis – to determine whether the current streaming practices are ideal                   <ul style="list-style-type: none"> <li>▪ Compare Prelims and O Levels</li> <li>▪ By subject combinations</li> <li>▪ By class</li> <li>▪ By CCA</li> </ul> </li> <li>○ Compare student (individual) performance over time                   <ul style="list-style-type: none"> <li>▪ Time series</li> <li>▪ Rate of change – by individual, class, subject combinations</li> </ul> </li> <li>○ Environment                   <ul style="list-style-type: none"> <li>▪ CCA (4 years)</li> <li>▪ Class</li> </ul> </li> <li>○ Findings – Any insights?</li> <li>○ Latent class analysis</li> <li>○ Findings</li> <li>○ Moving forward</li> </ul> </li> <li>• Kok Chin has feedback to sponsor that we are unable to derive the prelim L1R4/L1R5 scores from the scores given – sponsor replied that they have the data available and will be sending us soon</li> </ul>	Edufy	23 Feb 2017 (Thu)

<b>B</b>	<b>Analysis to run</b>		
	<ol style="list-style-type: none"> <li>1. Y: Prelim (L1R4/L1R5), O Level (L1R4/L1R5), X: Subject Combi, Class, CCA</li> <li>2. Pick out 10 students based on their Sec 2 Overall exam subject scores and subject combinations (for combined science)               <ul style="list-style-type: none"> <li>○ Why did they go double/triple science?</li> </ul> </li> <li>3. X: Exam Name, Y: Subject Scores, Create new variable for time series analysis, Find rate of change overtime</li> </ol>	Edufy	23 Feb 2017 (Thu)
<b>C</b>	<b>Next Meeting Agenda Items</b>		
	<ol style="list-style-type: none"> <li>1. Prepare wiki, report and presentation by tomorrow evening</li> <li>2. Wiki &amp; Report – KC and Alson</li> <li>3. Slides – Zhan Hao</li> </ol>	Edufy	22 Feb 2017 (Wed)