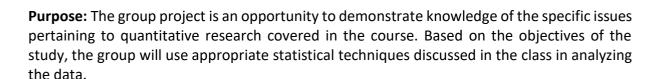
# **Group Project**

Weighting: 30%

# Due on 24 Nov 2024

# Guidelines:



**Group Formation:** Students are required to self-form their own groups of *FIVE* (MAXIMUM) to work on this assessment throughout the trimester. This is NOT an individual assessment. Group member names are required to be submitted in writing in the lecture or in the email by the end of *WEEK 3*.

**Report Length and Format**: The report should be between 2000 and 2500 words typed using MS Word and 1.5 line spacing with at least 2.5cm margins, excluding the tables, figures, and appendices.

The following is an **indicative** structure of your report:

- Introduction
- Research Design
- Hypothesis Development
- Results and Discussion
- Conclusion and Implication
- References
- Appendices

**Report Submission**: The Group Project Report is to be submitted in the electronic form to Turnitin **before** 11:59 pm SGT on Sunday 24 November 2024. Remember, only one member of the group needs to submit to Turnitin, but all members of the group are responsible for any incorrect matching text that may result.

The following items need to be included in the order listed:

- 1. 'ASSIGNMENT/ASSESSMENT ITEM COVER SHEET', fully completed and signed;
- 2. 'Group Project Marking Rubric' (see page 4). This marking sheet will summarise your mark for each question and may provide a form of additional feedback; and
- 3. Your written assignment.

#### **Marks Formation:**



- 1. The assignment is worth 30 marks, with 20 marks assigned for the group report and 10 marks for the group presentation in Week 11.
- 2. A single mark is given for the assignment. This mark is then moderated by self and peer assessment so that individual group members may receive different marks. The moderated individual mark received by each group member is based on contribution to the assignment and, more importantly, the ability to work with others.

**Marking Rubric**: The marking rubric used to mark this assessment is attached at the end of this document.

Note that it is each student's responsibility to keep a copy of each assessment task submitted.

## Required:

Design a quantitative study and prepare a report on your research project. Descriptive statistics, at least **TWO DIFFERENT** bivariate tests and multiple linear regression tests are required to be used in your project. In particular, you are required to:

- 1. Identify your research questions
- 2. Develop the appropriate hypotheses associated with each of the above research questions
- 3. Apply the appropriate statistical techniques to test these hypotheses
- 4. Use Microsoft Excel to produce the results
- 5. Interpret your results from Excel and form the conclusions
- 6. Make useful recommendations to the relevant users of your report.

### Notes:

- **1.** Only provide descriptive statistics for variables used in multivariate analysis (only tables required, no need graphs).
- 2. Bivariate tests include two independent samples t-test, paired-samples t-test, one-way ANOVA, chi-square test, correlation, and simple linear regression.
- 3. The research topics/scenarios covered in our lecture notes cannot be used in the group project.
- 4. You must clearly state in the report how you collect your data and measure your variables. If it is a dummy variable, please specify which category is your benchmark. If it is a metric variable, you are required to specify the unit of the variable.

**Dataset**: You are required to collect at least 100 observations for your sample based on your research questions and conduct statistical analyses based on the data you collected. You are also required to submit your raw data in Microsoft Excel format together with your report through Turnitin.

## **Checklist for assignment submission:**

- 1. Cover Sheet: Ensure the cover sheet is complete with student names and IDs.
- 2. Group Report: Submit the full written report according to the guidelines.
- 3. Raw Dataset:
  - Submit the raw data file used for statistical analysis **in Microsoft Excel** format as a separate attachment to Turnitin.

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Newcastle	Business School

Date:	Course Code: PACC6008 Business Decision Making
Group No.:	

Criteria	Standards						
	Marks	Fail	Pass	Credit	Distinction	High Distinction	Score
Presentation		Presentation is choppy	Concept and ideas are	Information is	All information is	All points were clearly	
Organisation,		and disjointed; does	connected; clear	presented in logical	presented in logical	and succinctly	
coherence and		not flow; speaker is	transitions; flow and	sequence; clear and	sequence; well	presented in logical	
speaking skills	10	uninterested and	organisation are	proficient speaking	organised; clear,	sequence; highly	
	10	inaudible ; lack of	adequate; even rate	skills; organised and	proficient and	organised; poised,	
		interest	with adequate	some enthusiasm	confident	clear articulation at	
			expression; some		communication	steady rate; confident;	
			interest			enthusiastic	
Data, Organisation		No description of	Limited description of	Adequate description of	Clear description of	Excellent description	
& Format		research scenario,	research scenario,	research scenario, data	research scenario,	of research scenario,	
		data source and	data source and	source and variable	data source and	data source and	
		variable	variable	measurement but	variable	variable measurement	
		measurement.	measurement. All	without some	measurement. All	with proper citation.	
	3	Sections are poorly	required sections are	inconsistencies. All	required sections	All required sections	
		organised and some	included but may	required sections are	are included and	are effectively	
		are missing. Many	require further	included and organised.	well-structured and	structured and	
		formatting or editorial	organisation.	Minimal formatting or	organised. No	organised. No	
		errors exist.	Formatting or editorial	editorial errors exist.	formatting or	formatting or editorial	
			errors exist but do not		editorial errors exist.	errors exist.	
			impede the reader				
Uses software to		Tabulated statistical	Minimal errors in	Tabulated statistical	Statistical result is	Statistical result is well	
perform analysis		result is poorly	statistical result.	result is acceptable.	well organised.	presented.	
and applies	5	organised and difficult	There are minor errors	Adequate choice of the	Applies appropriate	Applies the most	
appropriate		to read.	in the choice of the	statistical procedures to	statistical	appropriate statistical	
procedures		Applies inappropriate	statistical procedures	analyse the problem.	procedures to	procedures to analyse	
		procedures. No	to analyse the	The majority of factors	analyse the	the problem. Explains	

		approach taken or approach was unclear.	problem. Several factors that influence the appropriate statistical procedures have been identified.	that influence the appropriate statistical procedures have been identified.	problem. Explains fully why the selected procedures are appropriate for the problem.	in detail why procedures are appropriate for the problem.
Analysis of the problem	10	Analysis incomplete or incorrect due to a major error or numerous minor errors in the interpretation of results. An analysis of results was not attempted or impossible to follow.	Analysis is complete and in the majority correct. A few minor errors in the interpretation of results are apparent.	Analysis is complete. Interpretation of the statistical results obtained is logical, correct, and explained.	An effective analysis is completed. Interpretation of the statistical results obtained is logical, correct, and explained clearly.	Thorough and deep analysis. Interpretation of the statistical results obtained is precise, logical, and explained at a professional level.
Recommendations provided	2	No discussion of recommendations	Limited discussion of recommendations, not relevant, do not link back to the results	Adequate discussion of relevant recommendations, but do not link to the results	Adequate discussion of relevant recommendations, and link to the results	Thorough discussion of various insightful recommendations and linked to the results
	30					

**Comments:**