

Assessment 2 Information

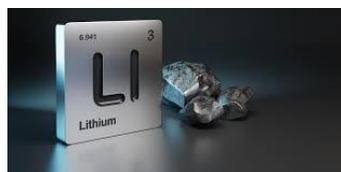
Subject Code:	DATA4100
Subject Name:	Data Visualisation Software
Assessment Title:	Group presentation showcase
Assessment Type:	Slide presentation
Presentation Length:	8 Minutes (+/-10%)
Weighting:	30 %
Total Marks:	30
Submission:	In class (In online workshop) via MyKBS
Due Date:	In class Week 6

Your Task

- Form groups of 3-4. If you do not have a group before the session, your teacher will allocate you to a group in class.
- You will be given a business problem and small data set
- Construct a dashboard and participate in an 8-minute role play involving the presentation of results to a government committee.
- Submit your slides via MyKBS.

Assessment Description

Lithium – Australia’s “gold mine!”



- Background: Australia supplies about 60 per cent of the world's lithium in the form of a mineral concentrate called spodumene. With an abundance of 'hard rock' lithium, we are amongst the countries with the largest lithium deposits globally.
- Business problem: As a member of Australia’s Department of Foreign Affairs & Trade, determine whether Australia should give preference to China or USA when exporting Lithium, based on your data analysis. Other trading partners for the export of Australian lithium can also be recommended.
- You will also be given a small amount of data on Lithium trading.
- The team has been asked to perform an analysis with visualisations (Part A), and present their findings (Part B) to a Director from the Australian Department of Foreign Affairs and Trade.
- The reason for presenting to a government executive is to clarify which countries are preferable for Australia to trade with for the export of Lithium, based on your data analysis.

See Part A and B Instructions below.



Data Set:

- You will be provided with the multiple Excel data sets **in class** in Week 6.

Assessment Instructions

Face-to-Face Students

- Your lecturer will form groups of 3-4 in class
- Each **group needs to ensure they bring at least one laptop to the class in Week 7 and have access to a data visualisation software**
- Your lecturer will email the data set to your groups at the start of class.
- Complete the assessment task below in groups:
 - You will have 50 minutes to do **Part A** below (Create the visualisation) after which you will submit the visualisations via MyKBS.
 - You will have 30 minutes to do **Part B** below (Prepare your group presentation)
- Each group will be given 8 minutes to present to the rest of the class.
- This task is open book.

Online Students

- Your lecturer will form groups of 3-4 in class
- Each **group needs to ensure they attend the online workshop in week 6 and have access to a computer and data visualisation software (free student license)**
- Your lecturer will email the data set to your groups at the start of online workshop.
- Complete the assessment task below in break out groups:
 - You will have 50 minutes to do **Part A** below (Create the visualisation) after which you will submit the visualisations via MyKBS.
 - You will have 30 minutes to do **Part B** below (Prepare your group presentation)
- Each group will be given 8 minutes to present to the rest of the class.
- This task is open book.

Assessment Tasks

- **Part A:** Construct a dashboard with at least three charts, using software of your choice.
 - You will be given **50 minutes** to create visualisations in your groups that best represent the data.
 - After 50 minutes have elapsed submit your visualisations via MyKBS.
- **Part B:** Once the visualisations are created, each member of your group should take one of these roles:
 - *Data Analyst (Understands data available and analysis)*
 - *Data Visualiser (Understands best practice in designing of dashboards)*
 - *Analytics Translator (Understands how to translate the results for executives in brief and layman's terms (simple language))*
 - *Executive from the Foreign Affairs Department (understands the "big picture", and is in the audience asking questions)*
 - If you only have three members, you can combine the Analyst and Visualiser roles.
- You will have **30 minutes** to prepare your presentation.
- Each group will have 8 minutes to present the dashboard.
- The pretend Data Analyst, Data Visualiser, and Data Translator should spend **two minutes each** presenting the results, as follows
 - *The Data Analyst will explain what data was available and the analysis*
 - *The Data Visualiser will explain overall design considerations*
 - *The Data Translator will explain aspects of the results in simple language (storytelling)*
- *The Executive from the Department of Foreign Affairs (audience) will have two minutes to ask relevant questions and comment on the results.*



Important Study Information

Academic Integrity Policy

KBS values **academic integrity**. All students must understand the meaning and consequences of cheating, plagiarism and other academic offences under the Academic Integrity and Conduct Policy.

What is academic integrity and misconduct?

What are the penalties for academic misconduct?

What are the late penalties?

How can I appeal my grade?

Click here for answers to these questions:

<http://www.kbs.edu.au/current-students/student-policies/>.

Word Limits for Written Assessments

Submissions that exceed the word limit by more than 10% will cease to be marked from the point at which that limit is exceeded.

Study Assistance

Students may seek study assistance from their local Academic Learning Advisor or refer to the resources on the MyKBS Academic Success Centre page. Click [here](#) for this information.



Assessment Marking Guide

DATA 4100 Assessment 2		Rubric /30	
Part A: Dashboard design			
0-5		6-10	
Has demonstrated limited achievement:		Has achieved all or most of:	
Dashboard not constructed.		Design a simple dashboard with at least three charts.	
Dashboard not easy to comprehend.		Construct the dashboard to be easy to read and interpret.	
		6	
		4	
Part B: Presentation of Dashboard and questions from the manager			
0-5		6-16	
Has demonstrated limited achievement:		Has achieved all or most of:	
Incoherent presentation that does not address key requirements.		Presented aspects of the dashboard in a clear and engaging way as follows:	
The different roles do not adequately explain aspects of the dashboard.		The Data Analyst will explain what data was available and the analysis.	
		4	
		The Data Visualiser will explain overall design consideration	
		4	
		The Data Translator will explain aspects of the results in simple language	
		4	
		Questions from the executive must be concise and relevant.	
		4	
Part C: Presentation Structure			
0-2		2-4	
		/4	



<p>Has demonstrated limited achievement:</p> <p>Presentation structure is incoherent. Presentation is unstructured.</p>	<p>Has achieved all or most of:</p> <p>Structured the presentations to be concise. The presentation had a natural order, relevant findings and be directed at the executive of the Foreign affairs Department. Highly engaging presentation that addressed key requirements.</p>	<p>4</p>
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