Your Unit. Your Say.

Student Feedback Survey

COS10022 – Data Science Principles

Week 06 Interactive Session

SWINBURNE UNIVERSITY OF TECHNOLOGY
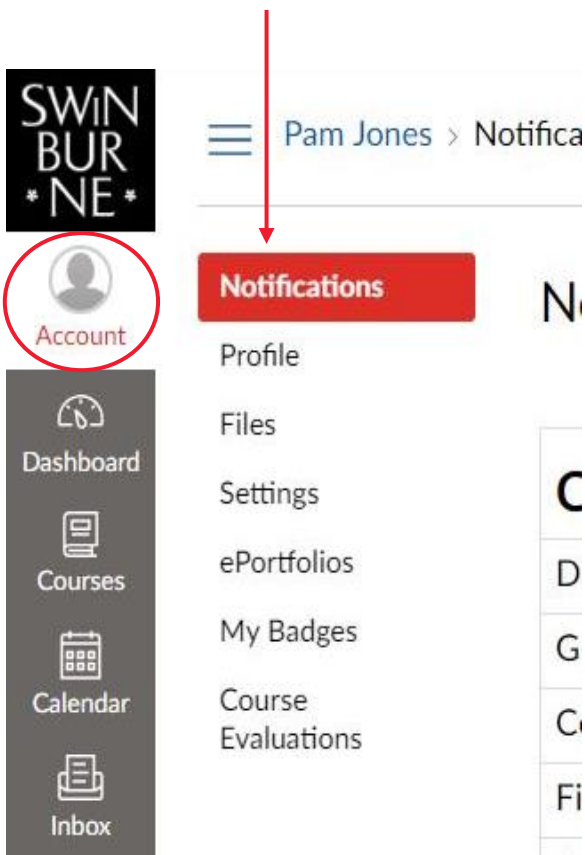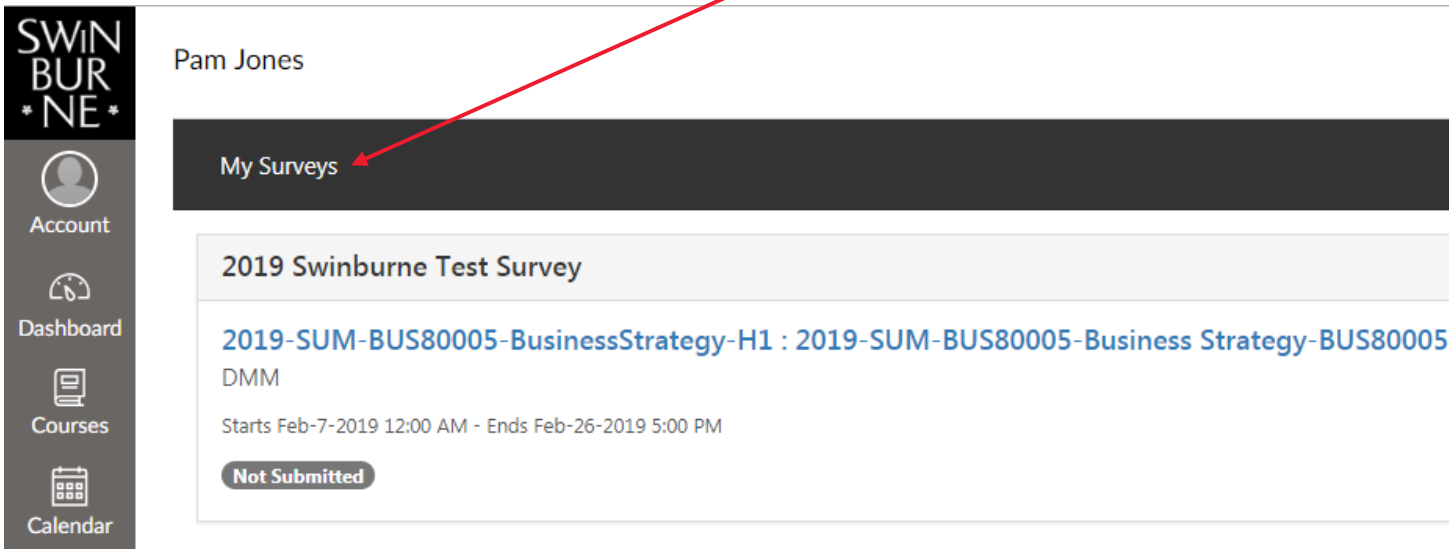
Canvas access to the survey

1. Log in to Canvas

2. Click the Account tab

3. Select the Notifications tab

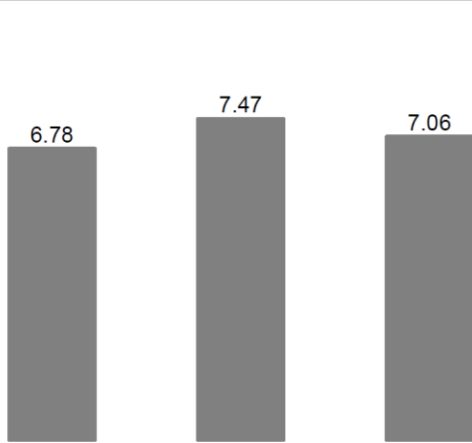On this dashboard, you will see all your current surveys and their status
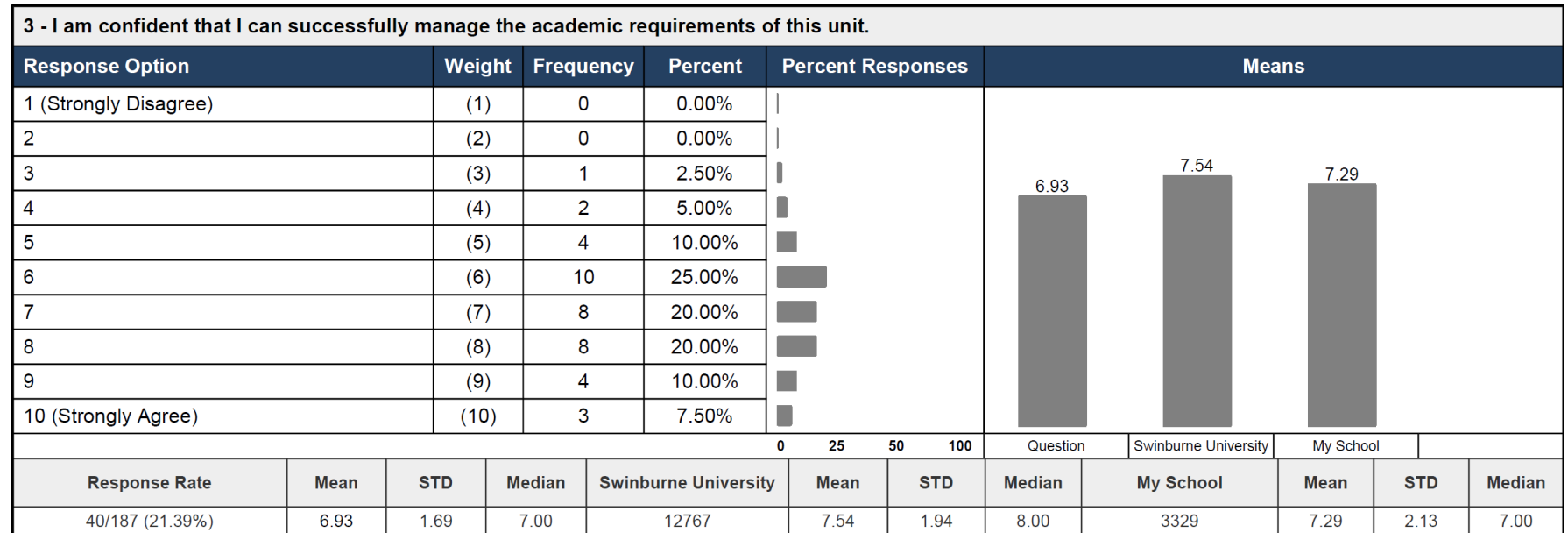
Swinburne University
2024 HED Semester 1 Check-in Survey

Course: 2024-HS1-COS10022-DataSciencePrinciples-H1: 2024-HS1-COS10022-Data Science Principles-COS10022-HS1-HAW-2024-Semester 1-D

Response Rate: 40/187 (21.39 %)

1 - I am satisfied with this unit so far.

Response Option	Weight	Frequency	Percent
1 (Strongly Disagree)	(1)	1	2.50%
2	(2)	0	0.00%
3	(3)	3	7.50%
4	(4)	2	5.00%
5	(5)	3	7.50%
6	(6)	5	12.50%
7	(7)	12	30.00%
8	(8)	6	15.00%
9	(9)	4	10.00%
10 (Strongly Agree)	(10)	4	10.00%

Means: Question 6.78, Swinburne University 7.47, My School 7.06

Response Rate	Mean	STD	Median	Swinburne University	Mean	STD	Median	My School	Mean	STD	Median
40/187 (21.39%)	6.78	2.12	7.00	12767	7.47	2.05	8.00	3329	7.06	2.25	7.00

Support and Confidence of Passing

2 - I am aware of the support Swinburne offers to help me succeed in this unit.

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1 (Strongly Disagree)	(1)	2	5.00%		
2	(2)	1	2.50%		
3	(3)	1	2.50%		
4	(4)	0	0.00%		
5	(5)	6	15.00%		
6	(6)	8	20.00%		
7	(7)	9	22.50%		
8	(8)	6	15.00%		
9	(9)	3	7.50%		
10 (Strongly Agree)	(10)	4	10.00%		

Means: Question 6.58, Swinburne University 7.40, My School 7.11

Response Rate	Mean	STD	Median	Swinburne University	Mean	STD	Median	My School	Mean	STD	Median
40/187 (21.39%)	6.58	2.22	7.00	12767	7.40	2.12	8.00	3329	7.11	2.31	7.00

3 - I am confident that I can successfully manage the academic requirements of this unit.

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1 (Strongly Disagree)	(1)	0	0.00%		
2	(2)	0	0.00%		
3	(3)	1	2.50%		
4	(4)	2	5.00%		
5	(5)	4	10.00%		
6	(6)	10	25.00%		
7	(7)	8	20.00%		
8	(8)	8	20.00%		
9	(9)	4	10.00%		
10 (Strongly Agree)	(10)	3	7.50%		

Means: Question 6.93, Swinburne University 7.54, My School 7.29

Response Rate	Mean	STD	Median	Swinburne University	Mean	STD	Median	My School	Mean	STD	Median
40/187 (21.39%)	6.93	1.69	7.00	12767	7.54	1.94	8.00	3329	7.29	2.13	7.00

# Answering to Students' Comments

Comment categories
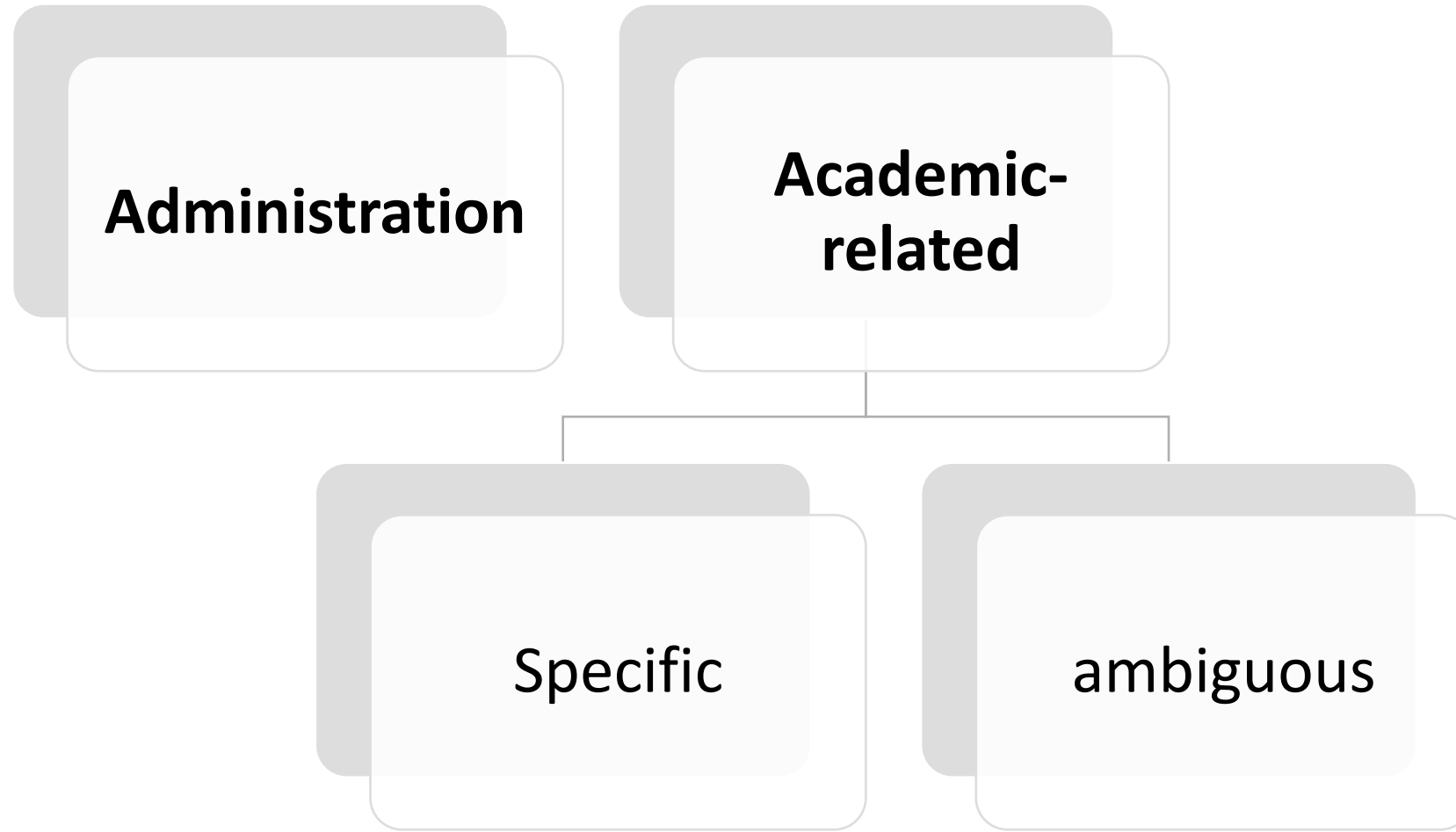
Positive Comments

- I think this is good.

- It is fine at the moment.

- Everything alright.

- …
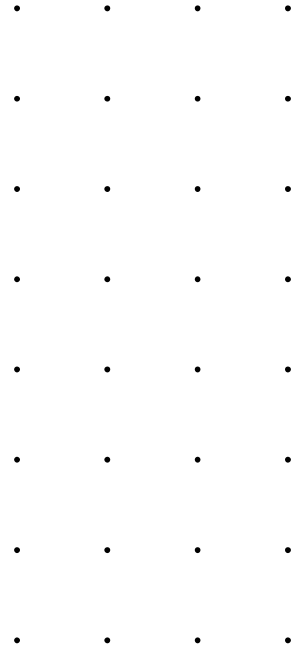
Administration

- Allocate a group of convenors as to make the listening efficient and easy especially when it is very accented.

- Apply more class hours for the unit.

- Arrange the lecture other than 830 am on a Monday.

- Administration things are not decided by academics.

- No change or response actions can be made.
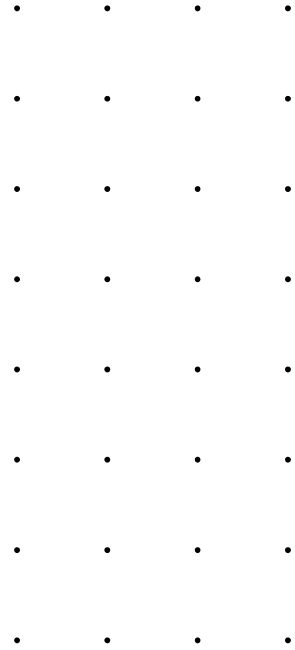
Academic-related

- Provide revision before online test.

- Data science principles is one of the most interesting unit of my course that is Bachelor of Data Science. I need you should show how to use knime as most of the students are new to this.

- Different tutors as in week 2 and week 3, I had questions about the assignment but he did not even know what the assignment was and it is end of week 4?? Barely shown us how to tackle anything for the fist assignment??

- Give more info about the assignments and discuss about it in class.

- I am slightly confused about the class and why so much emphasis was put on learning Python for 2 weeks and then completely removing it from the requirements and jumping to a different software. It felt very disjointed.

- I think I want the unit to be more deep.

- i think labs can be improved they are so confusion tutors are not explaining what we are doing in the knime juts asking us to follow them and connects the nodes.

Academic-related (2)

- I think one potential improvement that can be made is maybe having more interactivity amongst the students during labs because given that most of the requirements to successfully pass the unit is individual based for some (nervous)people they may not seem the need to interact with other peers.

- I think Swinburne should add the library like pandas NumPy matplotlib seaborn instead of using KNIME because people work as data scientists in the industry do write code. KNIME is great for someone who get to know data science however, understanding the concepts but without code will be major disadvantage.

- more open with what is expected. make sure the classes help with the assignments

- One thing that would improve in this unit is, that there should be more practice questions for the online test and also the equations that we go through in the lectures, there should be more examples for those.

- provide tutorial for Knime.

- TAs and lecturers should be more active on the discussion board. There are questions asked 3 weeks ago and no one showed any effort to reply. And the help desk should run normally like other units, not by appointment.

- Teach about python and not knime.

Ambiguous comments

- **Better assignment**

- less confusing lecture slides

- More awareness of the resources that is given.

- **Better communication between student-teacher.**

- Data Science is already dealing with dry statistics, lectures could be made more interesting to watch, right now they are very boring and too lengthy as well

- Have digital resources rather than textbooks as they can be long and not as engaging

- more lectures and lab sessions should've been focused on assignment (knime) and test on week 4 and 5 rather than doing random stuff

- Put more materials that related with how to use the tools in data science