

**Course Faculty Survey- 23/SU  
23/SU (2023)**

Franklin University  
Franklin

<b>Course:</b>	DATA-621 Q1WW - 23/SU-DATA-621-Q1WW Online	<b>Department:</b>	DATA
<b>Responsible Faculty:</b>	Brian Weikel	<b>Responses / Expected:</b>	6 / 8 (75%)

About the Student:		DATA-621 - Q1WW				
		Responses				Course
		<6	6	10	12	N
Q1	The number of hours I spent in completing course-related activities (on average) per week was:	1	2	2	1	6
Responses: [<6] 1-6 [6] 6-10 [10] 10-12 [12] 12 or more						

About the Student:		DATA-621 - Q1WW						--- Period Comparisons ---					
		Responses				Course		DATA			All		
		SA	A	D	SD	N	Mean	N	Mean	- = + <sup>1</sup>	N	Mean	- = + <sup>1</sup>
Q2	I had a strong desire to take this course.	3	3	0	0	6	3.5	83	3.5	=	6.2K	3.1	++
Q3	I feel more positive about this field of study because of this course.	5	1	0	0	6	3.8	83	3.5	++	6.2K	3.4	++

Responses: [SA] Strongly Agree=4 [A] Agree=3 [D] Disagree=2 [SD] Strongly Disagree=1

<sup>1</sup> This Course compared with others: [--] Much Lower. [-] Lower. [=] Similar. [+] Higher. [++] Much Higher

About the Student:		DATA-621 - Q1WW					
		Responses					Course
		A	B	C	D	F	N
<b>Q4</b>	I expect to earn the following grade in this course.	4	2	0	0	0	6
Responses: [A] A [B] B [C] C [D] D [F] F							

About the Student:		DATA-621 - Q1WW		
		Responses		Course
		YES	NO	N
<b>Q5</b>	At this point in my academic career, I am satisfied with my overall experience at Franklin University	6	0	6
Responses: [YES] Yes [NO] No				

About the Course:		DATA-621 - Q1WW						--- Period Comparisons ---					
		Responses				Course		DATA			All		
		SA	A	D	SD	N	Mean	N	Mean	--+ <sup>1</sup>	N	Mean	--+ <sup>1</sup>
Q6	The course activities and/or assignments allowed me to solve practical problems.	4	2	0	0	6	3.7	83	3.7	=	6.2K	3.5	++
Q7	The course activities and/or assignments helped me to connect my past experiences to what I was expected to learn.	2	4	0	0	6	3.3	83	3.5	–	6.2K	3.4	--
Q8	The course media (texts, illustrations, graphics, audio, video) helped me learn.	1	4	1	0	6	3.0	83	3.5	–	6.2K	3.4	--
Q9	The course activities and/or assignments offered me multiple opportunities to demonstrate what I learned.	3	3	0	0	6	3.5	83	3.6	-	6.2K	3.5	++
Q10	The course activities and/or assignments allowed me to interact with my peers in meaningful ways.	2	4	0	0	6	3.3	83	3.2	+	6.2K	3.4	--

Responses: [SA] Strongly Agree=4 [A] Agree=3 [D] Disagree=2 [SD] Strongly Disagree=1

<sup>1</sup> This Course compared with others: [--] Much Lower, [-] Lower, [=] Similar, [+] Higher, [++] Much Higher

About the Course:		DATA-621 - Q1WW		
		Responses		Course
		YES	NO	N
<b>Q11</b>	I would recommend this course to other students.	6	0	6
Responses: [YES] Yes [NO] No				

About the Course:		DATA-621 - Q1WW						--- Period Comparisons ---					
		Responses				Course		DATA			All		
		SA	A	D	SD	N	Mean	N	Mean	=+ <sup>1</sup>	N	Mean	=+ <sup>1</sup>
Q12	Overall, the course (activities, sequence of activities, resources listed, etc.) was well organized and easy to follow.	3	3	0	0	6	3.5	82	3.6	=	6.2K	3.5	++

Responses: [SA] Strongly Agree=4 [A] Agree=3 [D] Disagree=2 [SD] Strongly Disagree=1

<sup>1</sup> This Course compared with others: [--] Much Lower, [-] Lower, [=] Similar, [+] Higher, [++] Much Higher

**Q13 - What did you like best about the course?**

<b>Response Rate:</b>	<b>83.33%</b> (5 of 6)
1	The real-world projects assigned.
2	The lectures from Dr. Weikel. He was very good at explaining the meaning and key takeaways behind each top. Also how it is currently used in today's data industry.
3	I loved the projects and getting exposure to real instances of data analytics
4	I liked how difficult the class was. It was right on the cusp of being too hard, but whenever it got sticky, there was help to be had from the Ed discussion from either classmates or Dr. Weikel. This was also the only course I have had at Franklin where the professor had posted office hours and it was one of the most useful learning tools I have been given in my time here.
5	I learned the most from the class projects instead of the homework or quizzes. My favorite thing about this course was the variety of subjects it covered. Regression, time series analysis, clustering, a/b testing, NLP and neural networks.

#### Q14 - How would you improve the course?

<b>Response Rate:</b>	<b>83.33%</b> (5 of 6)
1	The lecture was very long and at a terrible time, but thankfully I was able to watch the recording through zoom. The homework from the online textbook constantly had errors.
2	The latter half of the class (NLP, Neural Network and machine learning) has an overlap with my 611 ML Course. I would of liked to have spent more time on the first half topics (clustering, a/b testing, time series) due to covering the other topics in other courses.
3	More coding exercises during instruction.
4	I was not too fond of the textbook compared to textbooks from other classes. It's hard to explain how, but connecting the topics with the R code was a bit complex, especially when it came to the Connection assignments. It made sense when we learned one of the authors focused on the writing, while the other more of the R code. It just didn't seem as fluid and natural so it was hard to grasp all of the lessons.
5	<p>Above, I mentioned that I disagreed with the statement that the course media helped me learn. The book was very hard to read and understand. On top of that, it only had a partial overlap with the lecture material. Much of what was covered in the book, and indeed, many of the most difficult things to learn, were not part of the lectures or projects. It would have been nice to know what to focus on and what to skip.</p> <p>The SmartBook assignments were actually really helpful. I benefitted a lot from them. The Connect assignments, however, were a problem on many levels:</p> <p>The questions that were asked were often not about material from the text and necessitated a lot of guessing, as often, I didn't even know what to google to find information on how to solve the problems.</p> <p>When there were links in the questions to the relevant part of the text, they very rarely led to the correct section of the text. This was particularly frustrating because I would spend a lot of time pouring over the linked section trying to intuit the answer from the section, only to find that it was not there. There were several Connect assignments that took over 4 hours because of this.</p> <p>It was not uncommon for the proscribed answers to be wrong. There were also several times when particularly difficult questions had nothing useful in the 'explanation' section of the answer that was not an explanation at all, just a retyping of the question.</p>

About the Instructor:		Brian Weikel						--- Period Comparisons ---					
		Responses				Individual		DATA			All		
		SA	A	D	SD	N	Mean	N	Mean	--+ <sup>1</sup>	N	Mean	--+ <sup>1</sup>
Q15	The instructor helped me understand how new topics related to the overall purpose of the course.	4	2	0	0	6	3.7	82	3.7	=	6.3K	3.6	++
Q16	The instructor provided feedback that helped me improve.	5	1	0	0	6	3.8	82	3.6	++	6.3K	3.5	++
Q17	The instructor encouraged me to critically reflect on what I was learning in the course.	5	1	0	0	6	3.8	82	3.6	++	6.3K	3.6	++
Q18	The instructor provided clear and consistent communication.	5	0	0	0	5	4.0	81	3.7	++	6.3K	3.6	++
Q19	The instructor responded to my inquiries within 48 hours.	5	1	0	0	6	3.8	82	3.7	++	6.3K	3.6	++
Q20	The instructor was interested in my success.	5	1	0	0	6	3.8	82	3.7	++	6.3K	3.6	++
Q21	The instructor used the course technologies to enhance my learning experience.	5	1	0	0	6	3.8	81	3.6	++	6.3K	3.6	++
Q22	The instructor displayed thorough knowledge of course material.	5	1	0	0	6	3.8	82	3.7	+	6.3K	3.6	++

Responses: [SA] Strongly Agree=4 [A] Agree=3 [D] Disagree=2 [SD] Strongly Disagree=1

<sup>1</sup> This Individual compared with others: [--] Much Lower, [-] Lower, [=] Similar, [+] Higher, [++] Much Higher

About the Instructor:		Brian Weikel		
		Responses		Individual
		YES	NO	N
Q23	I would recommend this instructor to other students.	6	0	6

Responses: [YES] Yes [NO] No

About the Instructor:		Brian Weikel						--- Period Comparisons ---					
		Responses				Individual		DATA			All		
		SA	A	D	SD	N	Mean	N	Mean	--+ <sup>1</sup>	N	Mean	--+ <sup>1</sup>
Q24	Overall, the instructor helped me learn.	5	1	0	0	6	3.8	82	3.7	++	6.3K	3.6	++

Responses: [SA] Strongly Agree=4 [A] Agree=3 [D] Disagree=2 [SD] Strongly Disagree=1

<sup>1</sup> This Individual compared with others: [--] Much Lower, [-] Lower, [=] Similar, [+] Higher, [++] Much Higher

#### Q25 - What did the instructor do well?

<b>Faculty:</b>	Brian Weikel
<b>Response Rate:</b>	<b>66.67%</b> (4 of 6)

1	Very informative and helpful
2	Following up and providing detail to questions in which I was unsure about.
3	Dr. Weikel did a great job of explaining the lessons in applicable terms and examples. He also was great at explaining expectations with data science vs. the reality of what is available and how it can be applied in the workforce. I especially liked his quotes from economists and mathematicians because they provided the real world lessons of data. It can help us understand and connect information, but it can't solve all our problems.
4	Dr. Weikel was very helpful when we would get stuck on assignments and projects, and always provided answers or guidance with plenty of time left to continue to work on the assignments before they came due.

Q26 - How could the instructor improve?	
Faculty:	Brian Weikel
Response Rate:	50.00% (3 of 6)
1	Nothing stands out on ways the instructor could improve.
2	Honestly, I feel like a different textbook would work better with Dr. Weikel's teaching style. The first few weeks were more difficult for me until I realized to focus on the textbook and lectures for the online assignments, but focus on Dr. Weikel's lectures only for the projects. The textbook just did not seem as fluid, well structures, or convey the key lessons and takeaways as Dr. Weikel's lectures.
3	<p>Dr. Weikel would often ask questions of the class during lectures but often didn't leave enough time to answer. There were many times I wanted to answer, but I always have several windows open, with R Studio, the Zoom chat, the lecture notes, etc, and it may take a moment to navigate back to the Zoom window to unmute. It kind of left the feeling that I wasn't sure if the question was meant to merely be thought-provoking or if he was hoping we would chime in with an answer. If he were to set some expectations in the first class about whether he wants answers, it would be helpful.</p> <p>Also, I could have used more direct guidance on how to translate the math formulae from the lectures and text into R code. There was often a lot of guessing and trial-and-error involved, which was frustrating. Both because I often wasn't sure if I had gotten it right in the end, and also because even if I did get it right eventually, it would leave me without an understanding of why I was doing it that way and how it worked. This did improve over the course of the semester, but especially in the early weeks, it was very frustrating.</p>