

## MGT 4655 (8803): Business Data Preparation and Visualization

### Fall 2022 Course Schedule

Note 1: The presentation dates for guest speakers are still being discussed, and it is likely that some classes and deadlines will be moved as a result. However, this is likely toward later in the semester. If the guest speaker chooses to speak earlier, the classes and deadlines will be moved back and the schedule will be updated as soon as we know more. Your deadlines will not be moved to an earlier date.

Note 2: Labs and group meetings – you can meet in the classroom or anywhere else.

Note 3: Changes, if any, will be recorded on the final page of the document and announced via email.

If you have any questions about any of the deadlines, please let the instructor know as early as possible.

#	Date	Day of Week	Contents	Due before class
1	8/23/2022	Tue	Syllabus and Introduction	
2	8/25/2022	Thu	Data: A refresher. Start thinking about project ideas	Read the syllabus and course schedule carefully and ask questions, if any.
3	8/30/2022	Tue	Preparing Data for Visualization using Excel	
4	9/1/2022	Thu	Data Prep Exercises 1 (home or lab) (assignment 1)	Self-organize into teams of 5-7 each; if not, you will be randomly assigned
5	9/6/2022	Tue	Visualizations in Excel + Viz Principles 1 + viz type choices	Data prep exercise 1 (assignment 1) due
6	9/8/2022	Thu	Guest speaker - Patricia Kenly, Georgia Tech library	
7	9/13/2022	Tue	Group meeting: set up expectations and start brainstorming idea / data	
8	9/15/2022	Thu	Excel Visualization exercise (assignment 2)	
9	9/20/2022	Tue	Preparing Data for Visualization: Linking Tables, Tableau Prep	
10	9/22/2022	Thu	Data Prep exercise 2 (home or lab) (Assignment 3)	Assignment 2 due
11	9/27/2022	Tue	Tableau Introduction & Demo 1: Tableau interface, data connections, and basic charts	Group project milestone 1: Must finalize topic & confirm data availability

#	Date	Day of Week	Contents	Due before class
12	9/29/2022	Thu	Tableau exercise 1 (home or lab; optional but highly recommended)	Assignment 3 due
13	10/4/2022	Tue	Tableau Demo 2: Basic chart types 2 and combo charts	
14	10/6/2022	Thu	Tableau exercise 2 (home or lab) (Assignment 4)	Please submit your anonymous feedback for the class (optional).
15	10/11/2022	Tue	Group work	
16	10/13/2022	Thu	Midterm exam	Assignment 4 due; (optional) feedback for your teammates if needed
			<b>Fall break</b>	
17	10/20/2022	Thu	Tableau Demo 3 (Calculations, level of detail)	
18	10/25/2022	Tue	Tableau exercise 3 (home or lab) (Assignment 5)	
19	10/27/2022	Thu	Tableau Demo 4: Dashboards and Stories + Viz Principles 2 + Sharing	
20	11/1/2022	Tue	Tableau exercise 4 (home or lab; optional)	Assignment 5 due
21	11/3/2022	Thu	Network Visualization	
22	11/8/2022	Tue	Network visualization exercise (home or lab) (Assignment 6)	Group project milestone 2: Must submit draft TWBX files.
23	11/10/2022	Thu	Guest speaker or other contents TBD (flex)	
24	11/15/2022	Tue	PowerBI	Assignment 6 due
25	11/17/2022	Thu	Programming for Charts	Recommended: set up team appointment to discuss project with instructor
26	11/22/2022	Tue	Programming for Charts exercise (home or lab) (Assignment 7)	
			<b>Thanksgiving</b>	
27	11/29/2022	Tue	Group work	Recordings of presentations + slides due @ 11:59pm on 11/30
28	12/1/2022	Thu	Add'l topics such as certification, post processing, ethics. Final exam Q&A	Assignment 7 due
29	12/6/2022	Tue	Peer grading of team presentations (asynchronous) (home or lab)	Peer grading + team peer evals due @ end of day. Please also fill out CIOS.

**Change log:**