

BAN 5743 – Lab Slides Week 1

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Agenda

- Common Items for OL and Non-OL
 - Introduction
 - What do we usually do in the lab? What are my expectations?
 - Internship opportunities
 - Software access and demonstration
 - Questions and answers
- Items for OL only
- Demo
- Items for Non-OL only

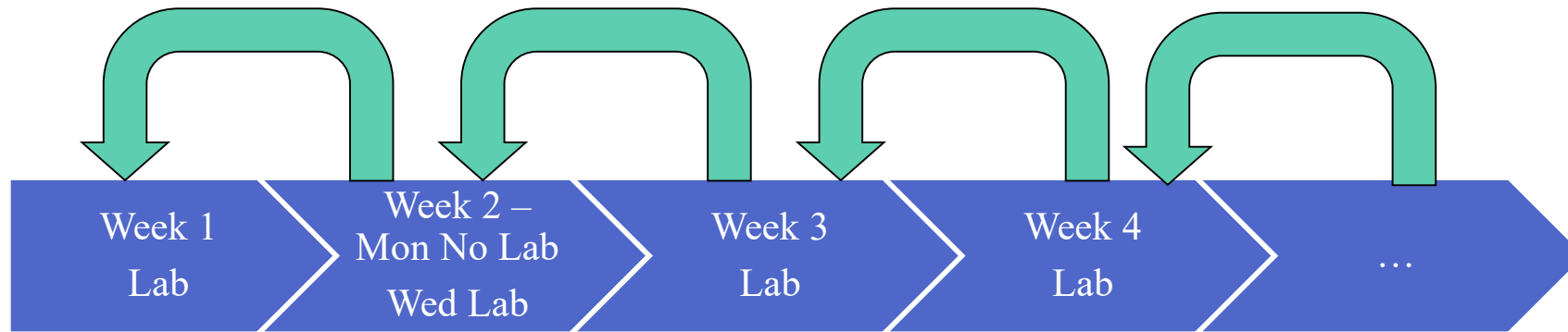
COMMON ITEMS FOR OL AND NON-OL

What do we usually do in the lab?

- **Non-OL students** will typically do following activities:
 - Discussion (Q &A) of topics covered in lectures
 - Hands-on work in lab
 - Individual exercise in the lab and submit by the deadline (late submission will have penalty – as stated in syllabus)
 - For individual exercises, do what is asked.
 - Sometimes do *mini-cases or group exercises* (will be announced as we go along).
- **OL students do not attend lab in person but do the exercises.**
 - May join by Zoom meeting (information posted on Canvas)
 - Watch lab videos each week as I will often discuss topics of interest, talk about solutions to exercises, etc..

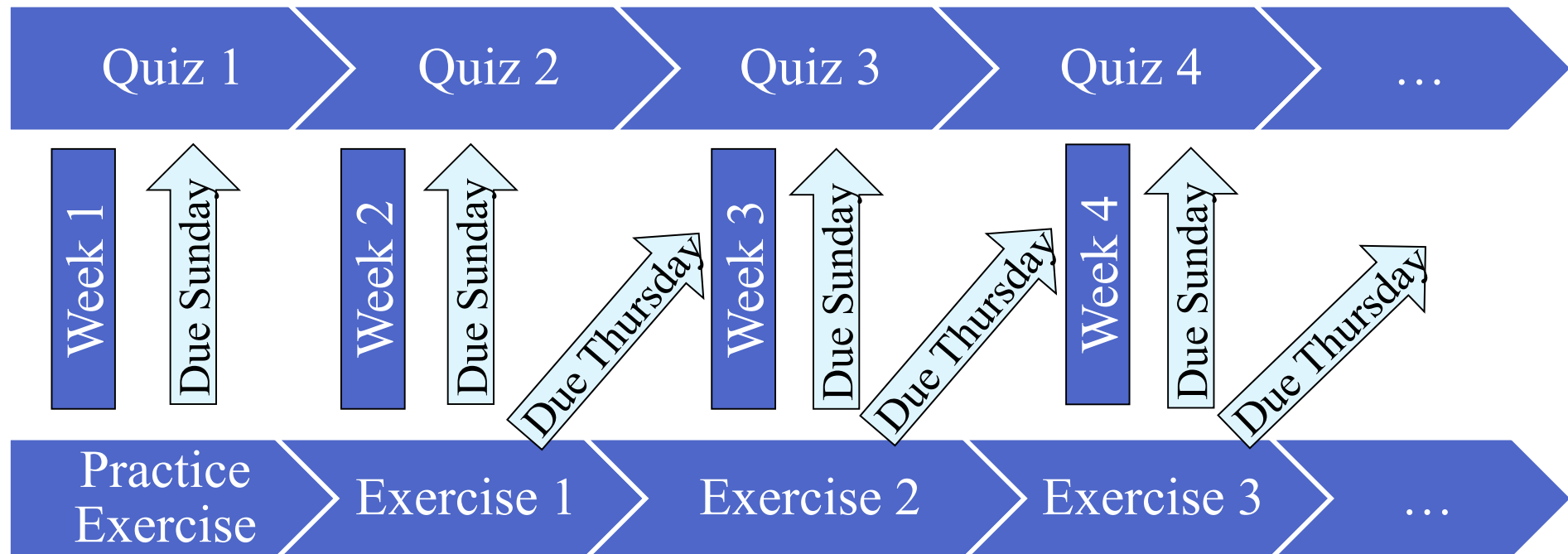
What do I need for labs?

- Labs: non-OL students must **attend**, OL students **join** webinar and/or **watch** lab recordings
- What lectures/materials should I cover before lab?



What do I need for exercises and quizzes?

- Labs: non-OL students must **attend**, OL students **join** webinar and/or **watch** lab recordings
- What lectures/materials should I cover before lab? All times are **11:59 pm central**



Accessing Software (SAS, Viya and Enterprise Miner)

Non-OL Students

- During lab hours— use the PCs in the lab
- Non-lab hours:
 - Use campus lab PCs, if you are on campus
 - Use your own laptop (if you have installed software)
 - **VMWare access to JMP Pro, SAS 9.4, SAS Studio, Tableau, R and Python**

OL students

- Use your own PC/laptop (if you have installed software - preferred)
- **VMWare access to JMP Pro, SAS 9.4, SAS Studio, Tableau, R and Python**

SAS Viya will be used in lab starting in week 3
Further instructions on how to connect will be provided



Weekly Quizzes

- Only accessible via Respondus Lock Down browser
- There will be a time limit (15-minutes) on the quiz that will typically have a 5-6 multiple-choice questions.
- Save the response for each question on the screen as you go through the quiz.
- Mandatory and will be graded
- Will drop the lowest quiz grade

Due Dates

Item	Due Date
Exercise 1	27-Jan-22
Exercise 2	3-Feb-22
Exercise 3	10-Feb-22
Exercise 4	17-Feb-22
Predictive Modeling Case Presentations	21-Feb-22
Exercise 5	24-Feb-22
Exercise 6	10-Mar-22
Text Analytics Case Presentations	21-Mar-22
Exercise 7	24-Mar-22
Exercise 8	7-Apr-22
Exercise 9	14-Apr-22
Exercise 10	21-Apr-22
Exercise 11	28-Apr-22
Comprehensive Final Exam	May 3rd or 4th

SAS Viya Login

- If you are connecting from off campus, connect to the OSU VPN using Cisco Anyconnect first - <https://osuvpn.okstate.edu/>
- Go to the following webpage: <https://stwsasviya01.it.okstate.edu/SASDrive>
- Enter your OSU OKEY short username and OKEY password
 - Your OSU email address will not work to log you in. If you can't remember your short okey username, log into Okey and check on your profile page for this information.
- Open SAS Studio
 - Go to <https://stwsasviya01.it.okstate.edu/SASStudio/>
 - Enter OKEY short username and password
- Open SAS Viya - Python Connection
 - Go to <https://stwsasviya01.it.okstate.edu:8000>
 - Enter OKEY short username and password
 - Select New and Python 3 Notebook

Datacamp

- Current Datacamp Teams
 - Access through Jan 31, 2022 with current class settings
 - See class tracks in Canvas Modules
- New Datacamp Teams
 - Will create a new class group to go through summer
 - Available in a few weeks



ITEMS FOR OL ONLY

Points Breakdown – OL only

Section	Individual Points	Total Points
Lab^	Lab (50 points) <ul style="list-style-type: none"> required to do 3 lab assignments Case work (90 points)	140 points
Quizzes*	13 @ 5 points each (drop one)	60 points
Exercises*	11 @ 10 points each (drop one)	100 points
Final Exam	1 @ 160 points	160 points
Total	Total	460 points

Final Grade	Score
A	412-460 pts.
B	366-411 pts.
C	320-365 pts.
D	274-319 pts.
F	0-273 pts.

* = Drop lowest score

^ OL students will be required to complete 3 lab assignments for this portion of the grade

Enterprise Miner – Importing Excel and XML

DEMO

Importing an Excel File in EM

- Download “Demo Week 1 Spring 2022.xml” and “USCustomers.xls” from Canvas week 2 module
 - Store some place accessible
- Open a new project in EM
- Import an XML diagram
- Make changes to **File Import Node** in EM
 - Settings



ITEMS FOR NON-OL ONLY

Points Breakdown – OC only

Section	Individual Points	Total Points
Lab	Lab (50 points) Case work (90 points)	140 points
Quizzes*	13 @ 5 points each (drop one)	60 points
Exercises*	11 @ 10 points each (drop one)	100 points
Final Exam	1 @ 160 points	160 points
Total	Total	460 points

* = Drop lowest score

Final Grade	Score
A	412-460 pts.
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Hands-On Lab Assignment: Patient Feedback Analysis

- Week 1-4 groups in Canvas
- Import data files into EM
- Create PowerPoint slides to include:
 - Recreate graphs and charts found in Patient Feedback analysis doc
 - Briefly discuss 2 of the potential questions and provide back-up information from your brief analysis
- Submit to dropbox by 2:00 pm

Potential Questions:

1. How good was the information?
Quality?
2. What else would be useful in this analysis?
3. Would you change anything?
4. Is causation established?
5. What are the next steps?

*If online student is completing for lab grade, please submit to appropriate canvas dropbox by due date indicated (usually within a week of lab).