| Week | M | W | F | Homework- due Friday at 11:59 pm |
| --- | --- | --- | --- | --- |
| 1 (9/1 - 9/6) |  | 09/03  First day  01: Welcome | 09/05  02: Univariate viz + summaries  Checkpoint (due before classes) |  |
| 2 (9/8 - 9/13) | 09/08  03: SLR discovery day | 09/10  04: SLR formalization  Checkpoint | 09/12  05: SLR model eval  Checkpoint | PP 1 due  Topics: 01-04 |
| 3 (9/15 - 9/20) | 09/15  06: SLR  Transformations  Checkpoint | 09/17  07: SLR categorical predictor  Checkpoint | 09/19  08: MLR intro+ Review for Quiz 01 | Homework 2 due  Topics: 05-06 |
| 4 (9/22 - 9/27) | **09/22**  **Quiz 1** | 09/24  09: MLR principles  Checkpoint | 09/26  10: MLR confounding  Checkpoint |  |
| 5 (9/29 - 10/4) | 09/29  11: MLR interaction discovery | 10/01  12: MLR Principles  Checkpoint | 10/03  Missed/Extra day?  **Project Checkpoint 1 Due** | Homework 3 due  Topics: 07-10 |
| 6 (10/6 - 10/11) | 13: MLR Model Building 1  Checkpoint | 14: MLR Model Building 2 | 15: Logistic essentials (prob, odds, 2x2 tables)  Checkpoint | Homework 4 due  Topics: 11-12 |
| 7 (10/13 - 10/18) | 16: Logistic discovery, simple logistic regression  Checkpoint | 17: Multiple logistic, prediction, evaluation  Checkpoint | FALL BREAK |  |
| 8 (10/20 - 10/25) | 18: Tools for inference (sampling variation, exploration vs. inference, normal distribution)  Checkpoint | MIDTERM GRADES  19: Tools for inference (sampling distributions, CLT)  Checkpoint | 20: Tools for inference (bootstrapping)+ Review for Quiz 02 | Homework 5 due  Topics: 13-17 |
| 9 (10/27 - 11/1) | **Quiz 2** | 21: Confidence intervals  Checkpoint | 22: Hypothesis testing discovery (single coefficient) |  |
| 10 (11/3 - 11/8) | 23: Hypothesis testing details (single coefficient) Checkpoint | 24: Hypothesis testing consideration (single coefficient) | LAST DAY TO WITHDRAW  25: Hypothesis testing (F-test)  Checkpoint | Homework 6 due\* (Same week due? If no, move to prev week)  Topics: 18-20 |
| 11 (11/10 - 11/15) | 26: ASA statement on p-values | Missed lecture/ Project Time  **Project Checkpoint 2 Due** | Missed lecture/ Project Time | Homework 7 due\* (Same week due? If no, move to prev week)  Topics: 21-23 |
| 12 (11/17 - 11/22) | Missed lecture/ Project Time | Missed lecture/ Project Time | Missed lecture/ Project Time | Homework 8 due Same week due? If no, move to prev week)  Topics: 24-25 |
| 13 (11/24 - 11/29) | Missed lecture/ Project Time | THANKSGIVING | THANKSGIVING |  |
| 14 (12/1 - 12/6) | Missed lecture/ Project Time | Missed lecture/ Project Time | Missed lecture/ Project Time |  |
| 15 (12/8 - 12/13) | Missed lecture/ Project Time | Last Day of Class  Project Paper due, Presentations | Final Exam Period - Quiz 3 | - 09:40–10:40 am section 03: Monday 12/15- 08:00am-10:00am  - 12:00–01:00 pm section 04: Saturday 12.13- 08:00am-10:00am |