

			DATA 230/231					
			content	reading	videos	lab/activity	assessment	
Week 1	Aug	23	X					
	Aug	24	X					
	Aug	25	X					
	Aug	26	Syllabus, Intros Intro Stats Review				Getting to Know You and Office Hours Questionnaires	x
	Aug	27	X					
Week 2	Aug	30	X					
	Aug	31	Review of Inference	Chapter 0	Intro Stats Review (as needed for Quiz)	Station 2 (EDA)	Station 1 completed (for those with no previous R)	x
	Sept	1	X					
	Sept	2	Review of Inference, contd.			Station 3 (Inference)	Intro Stats Review Quiz (by Sunday)	
	Sept	3	X					
Week 3	Sept	6	X					
	Sept	7	Lin Reg - conditions, transformations, outliers	Chapter 1 Sections 2.1-2.2	Chapter 2: Tests		Homework 1 (Intro Stats Review) due	<- note for next ti
	Sept	8	X					
	Sept	9	Lin Reg - Inference for Regression	Sections 2.3-2.5	Chapter 2: Rsq Chapter 2: Intervals	Vitruvius I (45 min) Building Models (Data 230 only)		<- vit 1 needs wh
	Sept	10	X					
Week 4	Sept	13	X					
	Sept	14	Mult Lin Reg	Sec. 3.1-3.3		Building Models (Data 231 only) NHANES part 1	Vitruvius I due	
	Sept	15	X					
	Sept	16	Mult Lin Reg - interaction	Sec. 3.4-3.5		NHANES part 2	Homework 2 (Ch. 1&2) due NHANES part 1 due	
	Sept	17	X					
Week 5	Sept	20	X					
	Sept	21	Mult Lin Reg - multicollinearity, nested F test, categorical variables	Sec. 3.6, 4.4	Ch 3: VIF Ch 3: nested F test	NHANES part 3	NHANES part 2 due	
	Sept	22	X					
	Sept	23	Mult Lin Reg - choosing predictors	Sec. 4.1-4.3		Questions for Test	NHANES part 3 due	
	Sept	24	X					
Week 6	Sept	27	X				Homework 3 due Sunday midnight	
	Sept	28					Unit A Test (Chs 1-3)	
	Sept	29	X					
	Sept	30				Group Modeling Competition workday		
	Oct	1	X					
Week 7	Oct	4	X					
	Oct	5				test results discuss Nobel Group Project Workday		Narissa presents Quan presents (2
	Oct	6	X				Results section due	
	Oct	7				discuss Results section/peer review Introduce Final Project		
	Oct	8	X					
FALL BREAK								
Week 8	Oct	18	X					
	Oct	19	Logistic Reg - intro, odds; ORs	Sec. 9.1, 9.2		Odds & ORs, part 1	Results revision due Project Proposal due	
	Oct	20	X					
	Oct	21	Logistic Reg - fitting the model; linearity	Sec. 9.2, 9.3 (471-476)	Ch 9 - ORs and slope	Odds & ORs, part 2		
	Oct	22	X					
	Oct	25	X					
	Oct	26	Logistic Reg - inference, conditions	Sec. 9.3, 9.4	Ch 9 - inference	Logistic Regression practice		lecture on condi
	Oct	27	X					

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Week 9	Oct	28	Mult Logistic Reg	Ch. 10		Mult Logistic Reg, Parts A - ?	Logistic Regression due
	Oct	29	X				
Week 10	Nov	1	X				
	Nov	2	Mult Logistic Reg - inference; misclassification		Ch 10 - inference	Continue Mult Logistic Reg	Homework 4 (Ch. 9) due
	Nov	3	X				
	Nov	4				Finish Mult Logistic Reg	
	Nov	5	X				
Week 11	Nov	8	X				
	Nov	9	Additional Topic - 2-sample prop test, Chi-sq (comparison to logistic)	Sec. 11.4		ChisqVSLogistic	Mult Logistic Reg due
	Nov	10	X				Project EDA due
	Nov	11	Additional Topic - Design of Experiments	Sec. 8.1 & 8.3	YouTube videos (posted to Moodle)	Questions for test	
	Nov	12	X				
Week 12	Nov	15	X				Homework 5 due Sunday midnight
	Nov	16					Unit C Test (Chs 9, 10)
	Nov	17	X				
	Nov	18	Additional Topic - ANOVA	Sec 5.1-5.3			
	Nov	19	X				
Week 13	Nov	22	X			Workshopping the Introduction	Draft of Introduction (by class time)
	Nov	23					
	Nov	24	X				
	Nov	25	X				
	Nov	26	X				
Week 14	Nov	29	X				
	Nov	30				Peer review	Final Project due (by class time)
	Dec	1	X				Justin's Wednesday
	Dec	2	Additional Topic - CART/decision trees		Intro to Decision Trees (on Moodle)		11:00 - research
	Dec	3	X				
Week 15	Dec	6	X				
	Dec	7	Additional Topic - time series	Sec. 12.1-12.2 (on Moodle)	Intro to Time Series (on Moodle)		11:00 - research
	Dec	8	X				3:00 - research
	Dec	9					D231: Article Critique #3 due
	Dec	10	X				
Finals Week	Dec	13					
	Dec	14	Additional Topics Quiz: Remote, during Final Exam time (D230: 12-2:30 pm)				Final Project Revision due (by 9am)
	Dec	15					
	Dec	16	Additional Topics Quiz: Remote, during Final Exam time (D231: 12-2:30 pm)				
			** See Stat2Games (P2): farming (regression), racing (design & ANOVA)				
			** Additional Topics (provide resources for all)				
			- Design				
			- survey/survey weights (see Pam Feller's survey weight activity (P2-10)				
			- decision trees				
			- ANOVA				
			- random/mixed effects				
			- ordinal data analysis				
			- time series				