Fall 2022 Sch	edule, CSE 6040		Everything	Allestones and holidays: (CRSCLAMER: Verify these porceal against GTs official calender) • MAq 22 (First day of class) • MAq 25 (First day of class) • Sa Cot 29 (Dop/Withousa) badres • Verifs First 230 (First days) • To Dot 10 (class)								
Topics will be released on Monday of e	each week at 12:00 UTC (military time).	ly two weaks before the Notebook's due date. (For instance, on Sep 12.)	to the right of this black bar is for staff	* M Aug 22 (First day of class) * M Sep 5 (Labor Day) * M Tia Oct 17-18 (Fall Break) * Sa Oct 29 (Drop/Withdrawal Deadine								
	n, as a percentage of your final grade, is shown in	parentheses.	use only	Wed-F Nov 23-26 (Thankagiving) Ta Dec 6 (Last day of class) Th Dec 15 (Last day of exame)								
Week Dates To	opic(x)	Assignment(s) due The due time is always 11: 59 UTC unless otherwise specified. Notebook 0 (2%) - oficially due Non Aug-29 (Extended deadline, no perally. Weld Aug-31) (Late deadline, 50% credit. Fri Sep-30)	(for staff use only)	Time Zone Converter Link for Due Date/Time (for and use only)								
0 Aug-22 Aug-28 To	apica 0+1: Intro + Python review	(Extended deadline, no penalty: Wed Aug-31) (Late deadline, 50% credit: Fri Sep-30) Notebash 1 (49)), don Man Kan K										
		Notabook 1 (4%); due Mon Sap-5 (Extended deadline, no persity: Wed Sap-7) (Laite deadline, 5%) credit Fr Sap-30) Notabook 2 (4%); due Mon Sap-12 (Extended deadline, no persity: Wed Sap-14) (Laite deadline; if Sap-30)	20220905	(T7C: 20220305)								
		(Extended deadline, no panalty: Wed Sep-14) (Late deadline: Fri Sep-30) Notebook 4 (4%); due Mon Sep-19	20220912	[TZC: 20220812]						2 Exter	ded deadline	
2 Sep-5 Sep-11 To	apica 3+4: Math review + floating-point	(Late deadline: Fri Sep-30) Notebook 4 (4%) due Mon Sep-19 (Extended deadline, no peraity, Wed Sep-21) (Late deadline, 50% credit: Fri Sep-30) (Notebook 3 is urgraded.)	20220919	[TZC: 20220919]						4 Late c	feadine	
3 Sep-12 Sep-18 W	opics 5+6: Preprocessing unstructured data + eb mining	(Extended deadline, no penalty: Wed Sep-28) (Late deadline, no penalty: Wed Sep-28) (Late deadline, 50% credit: Fri Sep-30) (Notebook 6 is ungraded.)	20220926	[120: 20220926]						4 Exam	release	
4 Sep-19 Sep-25 to	opics 7+8: Tidying data (pandas) + basic sualizations	Notebook 7 (4%): due Mon Cct-10 (Extended deadline, no penalty: Wed Cct-12) (Late deadline, 50% credit: Fri Nov-4)	20221003									
5 Sep-25 Oct-2 M	lidterm 1: Topica 0-5	(Notatos) 1 a urganistic.) Natabash 1 (4), a da Mon Sap-28) (Esternic di etallitar, no pennity. Wel disp-28) (Esternic di etallitar, no pennity. Wel disp-28) Natabash 7 (4%) a da Mon Col-10 (Esternic di etallitar, no pennity. Wel Col-12) (Lash audiento, 50%, cross France, 17) Mathabash 7 (4%) a das Mon Col-10 UTC, due bay Wel Col-12 UTC, due by Wel Col-12 UTC, and by Wel Col-12 UTC, and by Wel Col-17		(T20-20221005)						9 Exam	COM	
6 Oct-3 Oct-9 To	opic 9: Relational data + SQL	(Extended deadline, no penalty: Wed Oct-19)	20221017	[720-20221017]						5 Drop	deadine	
7 Oct-10 Oct-16 Sc	opic 10: Amay processing using Numpy + cipy	(Lake deadine, 50% credit Fin Nov-4) Nikaboba 10 (4%); cake Mon Cick-24 (Extended deadine, no pernity: Web (40-26) (Extended deadine, no pernity: Web (40-26) (Extended deadine, no pernity: Web (40-2) (Extended deadine, no pernity: Web (40-2) (Extended deadine, no pernity: Web (40-2) (Extended deadine, no pernity: Web (40-2) Web (40-4) Web (40-4)	20221024	[TZC: 20221024]						6 Peer	grading window	
8 Oct-17 Oct-23 To	opic 11: Ranking + Markov chains	(Extended deadline, no penalty: Wed Nov-2) (Late deadline, 50% credit): Fri Nov-4) ⇒ Withdraw deadline is Sat Oct-29.	20221031	(TZC: 20221031)								
9 Oct-24 Oct-30 To	opic 12 Linear regression	••• Withdraw classina is 362 (C1-35. Netbooks 12 (42); cask Mon Nov-14 ((3)-tended classing, no parality, Wel Nov-16) (Lask deadline, no parality, Wel Nov-16) UTC, case by Wesh Nov-28 (11 30) UTC Netbooks 13 (45); class Mon Nov-24 (12 20) (Lask deadline, no parality, Wel Nov-23) (Lask deadline, no parality, Wel Nov-23) (Lask deadline, 50% credit; Fri Deo-3) (Lask deadline, 50% credit; Fri Deo-3) (Notebooks 14 (45); class Mon Nov-27)		[[20: 20221107]								
10 Oct-31 Nov-6 M	opic 13: Classification	UTC, dae by Wed Nov-9 at 11:59 UTC Notebook 13 (4%): dae Mon Nov-21 (Extended deadline, no penalty: Wed Nov-23)		(T20: 20221109)								-
12 Nov-14 Nov-20 To	spic 14: Clustering	(Extended deadline, no penalty: Wed Nov-30) (Late deadline, 526, modil: Ex Dea (I)		[721: 20221121] [721: 20221128]								
13 Nov-21 Nov-27 To	opic 15: Compression (dimension reduction)	Notebook 15 (4%): due Mon Dec-05 (Extended deadline, no penalty: Wed Dec-7) () ate deadline, 52% creat: Fri Dec-9)		(170: 20221205)								
14 Nov-28 Dec-4 Fit	inal exam study period	(GT only) 'DIY' extra credit (+3%) Submission due by Thu Dec-8 Pear creation due by Wed Dec-14		(T7C: 20221208)								
15 Dec-6 Dec-11 Fi	inal Exam	Final exam (25%): release on Fil Dec-9 at 12:00 UTC, due by Wed Dec-14 at 11:59 UTC	20221214	(TZC-20221214)								

		Milestones and Aolidays:					
Fall 2022 Schedule, CSE 6040 Topics will be released on Monday of each week at 12:00 UTC (military time). Or grad will be to release each Topics and its associate (Markov) (2001) I Notebook 5 is due on Mon Sep-26, then we will release Topic 5 and Notebook 5 o)	Milectora and holdge: (CPCC2/ABSCR: Welly these (CPCC2/ABSCR: Welly					
Our goai will be to release each Topic and its associated Notebook (if any) approxim if Notebook 5 is due on Mon Sep-26, then we will release Topic 5 and Notebook 5 o The value of each Notebook and Exam, as a percentage of your final grade, is show	vn in parentheses.	use only "Wed-Face 22-25 (Transaguing) "Ta Dec 6 (Last day of class) "Th Dec 15 (Last day of exame)					
Wesk Dates Topic(s)	Assignment(s) due The due time is always 11: 59 UTC unless otherwise specified.	100 Due Date for call us only 000					

is due on Mon Sep-26, then we will release To each Notebook and Exam, as a percentage of	lebook (f any) approximately two weeks before the Notebook's due date. (For instarpic 5 and Notebook 5 on Mon Sep-12.)	the structure of the second se					
	your final grade, is shown in parentheses.	"Th Dec 15 (Last day of exame)					
tea Topic(a)	Assignment(s) due The due time is always 59 UTC unless otherwise specified.	100 Due Date for and use only) Due Date. Time Zone Convector Link for Due Date/Time (for and use only)					

ach Notebook and Exam, as a percentage of	debook (if any) approximately two weeks before the Notebook's due date. (For instar opic 5 and Notebook 5 on Mon Sep-12.)	Its for staff Sa Oct 29 (Disp/Withdrawal Deadline)					
	your final grade, is shown in parentheses.	 Ta Dec 6 (Last day of class) Th Dec 16 (Last day of examp) 					
tea Topic(s)	Assignment(s) due The due time is always 59 UTC unless otherwise specified.	192 Due Date Time Zone Converter Link for for and use only) and use any)					

		Meatones and holdays:				
Fall 2022 Schedule, CSI Topics will be released on Monday of each week at 12:00 UTC (mill	E 6040 Itary time), (f may) appresimately two weeks before the Natebook's due date. (For instance nd Natebook's on Mon Sep-12.)	Milliona and holding: (pGCCLABER Very these Everything powerfailer GTs allow) to the right of that when plant and plant and when plant and plant and when plant and plant and when plant and whe				
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Week Dates Topic(s)	Assignment(s) due The due time is always 11 59 UTC unless otherwise specified.	It (b) Due Date Time Zone Converter Link for (for and Lee Date Time (for and Lee Date) only) and date				

E-11 0000	0.1			Missiones and holidays: (DISCLAMER: Verify these										
Topics will be released on N	Schedule, CSE 60 Anday of each week at 12:00 UTC (military time)	h	Everything to the right of this black har	Milestones and holdsys: (DISCLAMER: Verify these yourself against GTs official calender) * Mago §: John thy of class) * Mago §: John thy of class) * Mago (20 cm 11-16 (Fall Insuk) * Sa Cc 29 (DoptWittmase GT * Sa Cc 29 (DoptWittmase) * Web f Nev 23-26 (Thenesigive * Web f Nev 23-26 (Thenesigive * The De t Isa day of class) * The De t Is (Last day of exame)										
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Week Dates	Topic(s)	Assignment(s) due The due time is always 11: 59 UTC unless otherwise specified.	(SIO Due Date (for staff use	Time Zone Converter Link for Due Date/Time (for staff use only)										
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Spri	ing	202	22		Georgia Tech — Institute Calendar (Spring 2022 events)		Minutose and holitar:
				r CSE 6040 as of Mon Jan-10.	Charge field - Internet Charge State Party And Party		M and Gardener dawn
nice will	he releas	ned on h		v of each week at 12:00 UTC (military time).			*12 are 7 (24.4.4.4.*)404ay
					two weeks before the Notebook's due date. (For instance,		* Mar 21-65 (piloting trans)
ofeboo	k 5 is due	e on Mor	n Feb-1	14, then we will release Topic 5 and Notebook 5 on Mo	n Jan-31.)		* Thiley 6 (and day of hearing)
ook	Dates ()	Mon-Sur	2D)	Topic(s)	Assignment(s) due The due time is always 11:59 UTC unless otherwise specified.	(SO Due Date (for staff use orig)	Too Jiao Constanti a la visionali a la visionali a la visionali a la visionali a v Visionali a visionali a visiona
					Notebook 0 (2%): officially due Mon Jan-17 (Extended deadline, no penalty: Wed Jan-19) (Late deadline, 50% credit: Fri Feb-18)		
0	Jan-1	10 .	Jan-16	5 Topics 0+1: Intro + Python review	Notebook 1 (4%): due Mon Jan-24 (Extended deadline, no penalty: Wed Jan-25) (Late deadline, 50% credit: Fn Feb-18)	20220124	
1	Jan-1	17 .	Jan-23	3 Topic 2: Mining association rules	Notebook 2 (4%): due Mon Jan-31 (Extended deadline, no penalty: Wed Feb-2) (Late deadline: Fri Feb-18)	20220131	Transmitting 2 Extended deadfree
2	Jan-3	24 .	Jan-30	0 Topics 3+4: Math review + floating-point	Notebook 4 (4%): due Mon Feb-7 (Extended deadIne, no penalty: Wed Feb-5) (Late deadIne, 50% credit: Fri Feb-18) (Notebook 3 is ungraded.)	20220207	17.0.2020001 4 Lite deadfree
з	Jan-3	31	Feb-6	Topics 5+6: Preprocessing unstructured data + web mining	Notebook 5 (4%): due Mon Feb-14 (Extended deadline, no penalty: Wed Feb-16) (Late deadline, 50% credit: Fri Feb-18) (Notebook 6 is ungraded.)	20220214	
4	Feb	⊳7 I	feb-13	3 Topics 7+6: Tidying data (pandas) + basic visualizations	Notebook 7 (4%): due Mon Feb-28 (Extended deadline, no panalty: Wed Mar-2) (Late deadline, 50% credit: Fri Mar-25) (Notebook 6 is unpraced.)	20220221	1772-2222211 9 Eam dos
5	Feb-1	14 1	Feb-20	0 Midtern 1: Topica 0-5	Midlerm 1 (10%): release on Pri Feb-18 at 12:00 UTC. due by Wed Feb-23 at 11:59 UTC		
6	Feb-3	21 /	Feb-27	7 Topic 9: Relational data + SQL	Notebook 9 (4%): due Mon Mar-7 (Extended deadline, no panalty: Wed Mar-9) (Late deadline, 50% credit: Fri Mar-25)	20220307	1702 2020011
7	Feb-3	28	Mar-6	Topic 10: Amay processing using Numpy + Scipy	Notebook 10 (4%): due Mon Mar-14 (Extended deadline, no penalty: Wed Mar-16) (Late deadline, 50% credit): Fit Mar-25)	20220314	1/2 200011
8	Mar	.7 1	Mar-13	3 Topic 11: Ranking + Markov chains	Notebook 11 (4%): due Mon Mar-21 (Extended deadline, no penalty: Wed Mar-23) (Late deadline, 50% credit): Fri Mar-25) = Withdowy deadline is Sat Mar-19.	20220321	
9	Mar-1	14 1	Mar-20	Topic 12: Linear regression (Drop deadline: Fri Mar 18)	Notebook 12 (4%): due Mon Apr-11 (Extended deadline, no penalty: Wed Apr-13) (Late deadline, 50% credit: Fri Apr-29)		
10	Mars	21 1	Mar-27	7 (Spring break)		20220404	1777-2372661
11	Mar-G	28	Apr-3	3 Midtern 2: Topica 7, 9-11	Midtern 2 (15%): release on Fri Apr-1 at 12:00 UTC, due by Wed Apr-6 at 11:59 UTC	20220411	1720-20204111
12	Apr	-4 1	Apr-10	Topic 13: Classification "AND" Topic 14: Clustering	Notebook 13+14 (4%): due Mon Apr-18 (Extended deadline, no penalty: Wed Apr-20) (Late deadline, 50% credit: Fri Apr-29)	20220418	
13	Apr-	11	Apr-17	7 Topic 15: Compression (dimension reduction)	Notebook 15 (4%): due Mon Apr-25 (Extended deadline, no penalty: Wed Apr-27) (Late deadline, 50% credit: Fri Apr-29)	20220425	
14	Apr-1	18	Apr-24	4 Final exam study period	(GT only) 'DIY' extra credit (+3%) Submission due by Mon Apr-25 Peer grading due by Fri Apr-29	20220425	1772-1700281
	A	18	Mars.1	1 Final Exam	Final exam (25%) release on Fri Apr-29 at 12:00 UTC, due by Wed May-4 at 11:59 UTC		172C 20205941

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pics w	If be release	sed on	Monday	y of each week at 12:00 UTC (military time).				M Aug 23 (<i>in tab ut</i>) cases) M Aug 23 (<i>in tab ut</i>) cases) M Aug 4(<i>inter Char)</i>	
r goal kateba	will be to r ok 5 is due	e on Mo	each To on Sep-2	opic and its associated Notebook (if any) approximately 27, then we will release Topic 5 and Notebook 5 on Mor	two weeks before the Notebook's due date. (For instance, 1 Sep-12.)			M-2 (c) (r + (r) (r) all head) M-2 (c) (r + (r) (r) all head) M-2 (c) (r + (r)	
valu	e of each b	Noteboo	ok and E	Exam, as a percentage of your final grade, is shown in p	parentheses.			Tuber P, standy of Ganig Those H (standy of Ganig Those H (standy of Ganig	
ek.	Dates			Tepicial	Assignment(s) due The due time is always 11: 59 UTC unless otherwise specified.		(SO Due Date (for staff use orbit		
				Topics 0+1: Intro + Python review	Notebook 0 (2%): officially due Mon Aug-30 (Extended deadline, no penalty: Wed Sep-1) (Late deadline, 50% credit: Fri Oct-1)				
U	Aug-s	23 .	AUQ-24	a lopica 0+1: into + i-gran niview	Notebook 1 (4%): due Mon Sep-6 (Extended deadline, no penalty: Wed Sep-8) (Late deadline, 50% credit: Fri Oct-1)		20210905	77. 2010/01	
1	Aug-3	30	Sep-5	5 Topic 2: Mining association rules	Notebook 2 (4%): due Mon Sep-13 (Extended deadline, no penalty: Wed Sep-15) (Late deadline: Fri Ocl-1)		20210913		2 Extended deadline
2	Sep	>6	Sep-12	2 Topics 3+4: Math review + floating-point	Notebook 4 (4%): due Mon Sep-20 (Extended deadline, no penalty: Wed Sep-22) (Late deadline, 50% credit: Fri Oct-1) (Notebook 3 is ungraded.)		20210920		4 Late deadline
3	Sep-1	13	Sep-19	Topics 5+6: Preprocessing unstructured data + web mining	Notebook 5 (4%): due Mon Sep-27				4 Exam release
4	Sep-3	20	Sep-26	Topics 7+8: Tidying data (pandas) + basic visualizations	Notebook 7 (4%): due Mon Oct-11 (Extended deadline, no penalty: Wed Oct-13) (Late deadline, 50% credit: Fri Nov-5) (Notebook 8 is ungraded.)		20211004		9 Exam dose
5	Sep-3	27	Oct-3		Midterm 1 (10%): release on Fri Oct-1 at 12:00 UTC due by Wed Oct-6 at 11:59 UTC		20211011		
6	Od	14	Oct-10	Topic 9: Relational data + SQL	Notebook 9 (4%): due Mon Oct-18 (Extended deadline, no penalty: Wed Oct-20) (Late deadline, 50% credit: Fri Nov-5)		20211018		5 Drop deadline
7	Oct-	41	Oct-17	Scipy	Notebook 10 (4%): due Mon Oct-25 (Extended deadline, no penalty: Wed Oct-27) (Late deadline, 50% credit): Fri Nov-5)		20211025		6 Peer grading window
8	Oct-1	18	0ct-24	Topic 11: Ranking + Markov chains	Notebook 11 (4%): due Mon Nov-1 (Extended deadline, no penaity: Wed Nov-3) (Late deadline, 50% credit): Fin Nov-5) ⇒ Withdraw deadline is Sat Oct-30.		20211101		
9	Oct-S	25	0d-31	Topic 12: Linear regression	Notebook 12 (4%): due Mon Nov-15 (Extended deadline, no penalty: Wed Nov-17) (Late deadline, 50% credit: Fri Dec-10)		20211108	772-2271198	
10	Nov	r-1	Nov-7		Midterm 2 (15%): release on Fri Nov-5 at 12:00 UTC, due by Wed Nov-10 at 11:59 UTC		20211115		
11	Nov	-8	Nov-14	Topic 13: Classification	Notebook 13 (4%): due Mon Nov-22 (Extended deadline, no penaity: Wed Nov-24) (Late deadline, 50% credit: Fri Dec-10)		20211122	720-3271122	
12	Nov-1	15	Nov-21	Topic 14: Clustering	Notebook 14 (4%): due Mon Nov-29 (Extended deadline, no penalty: Wed Dec-1) (Late deadline, 50% credit: Fri Dec-10)		20211129		
13	Nov-3	22	Nov-28	Topic 15: Compression (dimension reduction)	Notebook 15 (4%): due Mon Dec-06 (Extended deadline, no penalty: Wed Dec-8) (Late deadline, 50% credit: Fri Dec-10)		20211205	170-2011/201	
14	Nov-3	29	Dec-5	5 Final exam study period		(CIV II C dates optimit for 24)	20211205		
15	Dec	-6	Dec-12		Final exam (25%): release on Fri Dec-10 at 12:00 UTC, due by Wed Dec-15 at 11:59 UTC		20211215	772-2021/2/9]	

Su	mm	ıer	2021														
Topics (will be	release	ed on Mond	day of each week at 12:00 UTC (military time)			Missiones and holidays * M May 17 (First day of	class)									
sate. (F	For inst	ance, i	if Notebook	1 Topic and its associated Notebook (if any) ap 5 is due on Mon Jun-14, then we will release Id Exam, as a percentage of your final grade, i	proximately two weeks before the Notebook's due Topic 5 and Notebook 5 on or before Mon May-31.)		* M May 31 (Memorial Di * Sa Jul 3 (Withdraw dea * M-Tu Jul 5-6 (US Indep * Tu Jul 27 (Last day of c * Th Aug 5 (Last day of e	adline) pendence Day) class)									
1106 140			ONLOCK and	is count, as a percentage of your that grade,	a aroan ni paranasas.		Throug a fease day or e	(Addition)									
Week	Dates			Topic(s)	Assignment(s) due The due time is always 11:59 UTC unless otherwise specified.	ISO Due Date	Time Zone Converter Link for Due Date/Time	Updates/errate									
	Mon M	lav 17	Sun May 23	Topic 0: Onboarding exam + Intro Topic 1: Pvthon ramp-sp	Notebook 0 (2%) *and* Notebook 1 (4%): officially due Mon May-24 (Extended deadline, no penalty: Wed May-26) (Late deadline, no penalty: FJ Jun-18)		ITZC: 202105241										
1	Man N	lav 24	Sun May 30	Topic 2: Mining association rules	Notebook 2 (4%) officially due Mon May-21 (Extended deadline, no penalty: Wed Jun-2) (Late deadline, 50% credit Fri Jun-18)	20210531	ITZC: 202105311										
2	Mon M	lay 31	Sun Jun 6	5 Topics 3+4: Math review + floating-point	(Topic 3 is 'self-study'; there is no Notebook 3) Notebook 4 (4%); due Mon Jun-7 (Extended deadline, 00 konalty: Wel Jun-9) (Late deadline, 50% credit Fri Jun-18)	20210607	(TZC: 20210607)										
3	Mon	Jun 7	Sun Jun 13	Topic 5: Preprocessing unstructured data (Topic 5 is OPTIONAL - nothing to submit)	Notebook 5 (4%): due Mon Jun-14 (Extended deadline, no penalty: Wed Jun-16) (Late deadline, 50% credit Fri Jun-18)	20210614	(TZC: 20210614)										
4	Mon J	lun 14	Sun Jun 20	Midterm 1: Topics 0-5	Midsem 1 (10%): release on Thu Jun-17 at 12:00 UTC, due by Mon Jun-21 at 11:59 UTC	20210621	TZC: 202104211										
5	Mon J	lun 21		Topics 7 & 9: Relational data in pandas + SQL 7 (Topic 8 is OPTIONAL - nothing to submit)	Notebook 7 (4%) *and* Notebook 9 (4%): due Mon Jun-28 (Extended deadline, no penalty: Wed Jun-30) (Late deadline, 52% penalty: Fri Jul-9)	20210628	(TZC: 20210628)										
6	Mon J	lun 28	Sun Jul 4	Topic 10: Array processing using Numpy Topic 11: Ranking + Markov chains	Notebook 10 (4%) *and* Notebook 11 (4%): due Mon Jul-5 (Extended deadline, no penalty: Wed Jul-7) (Late deadline, 50% penalty: Fri Jul-9) # Withdraw deadline: Sat Jul-3	20210705	TZC-20210705										
7	Mor	ı Jul 5	Sun Jul 11	Midterm 2: Topics 7, 9-11	Midterm 2 (15%): release on Thu Jul-8 at 12:00 UTC, due by Mon Jul-12 at 11:59 UTC	20210714	ITZC: 20210714										
8	Mon.	Jul 12	Sun Jul 18	Topic 12: Linear regression 8 Topic 13: Logistic regression (classification)	Notebook 12 (4%) *and* Notebook 13 (4%) due Mon Jul-19 (Extended deadline, no penalty: Wed Jul-21) (Late deadline, 52% penalty: Fri Jul-30)	20210705	(TZC: 20210705)										
	Man.	Jul 19	Sun Jul 25	Topic 15: Compression via dimension	Notebook 14 (4%) *and* Notebook 15 (4%): due Mon Jul-26 (Extended deadline, no penalty: Wed Jul-28) (Late deadline, 50% penalty: Fri Jul-20)	20210712	(TZC: 20210712)										
10	Mon.	Jul 26	Thu Aug 5		Final exam (25%): release on Thu Jul-29 at 12:00 UTC; due by Thu Aug-5 at 11:59 UTC		[TZC: 20210805]										

Spring	g 2021														
pics will be i	released on Monday of each week at 12:00 UTC (military time)														
r oool will b	be to release each Topic and its associated Notebook (if any) as	nerviewstehr two wanter before the biotebook's													
ur goal will b le date. (For lb-8.)	or to remaine each ropic and its associated Notebook (if any) at r instance, if Notebook 5 is due on Mon Feb-22, then we will rel	proximality two walks before the notabook's aase Topic 5 and Notebook 5 on or before Mon													
he value of e	each Notebook and Exam, as a percentage of your final grade,	s shown in parentheses.													
ook Dates	Topic(s)	Assignment(s) due The due time is always 11: 59 UTC unless otherwise specified.		Time Zone Converter Link for Due Date/Time	Lipciates/errate										
0 Thu J	Jan 14 Sun Jan 17 Topic 0: Onboarding exam + Intro					 									
0.5 Mon J	Jan 18 Sun Jan 24 Topic 1: Python namp-up	Notebook 0 (2%): officially due Mon Feb-1 (Extended deadline, no penalty: Wed Feb-3) (Late deadline, 50% credit): Fri Feb-26)	20210201	[TZC: 20210201]											
1 Mon J	Jan 25 Sun Jan 31 Topic 2: Mining association rules	Notebook 1 (4%): due Mon Feb-1 (Extended deadline, no penalty: Wed Feb-3) (Late deadline, 50% credit): Fri Feb-26)	20210201	[TZC: 20210201]											
2 Men	Feb 1 Sun Feb 7 Topics 3+4: Math review + floating-point	Notebook 2 (4%): due Mon Feb-8 (Extended deadline, no penalty: Wed Feb-10) (Late deadline: Fri Feb-26)	20210208	ITZC: 20210208											
		(Late Geschine, 11116-20) Notabook 4 (4%); due Mon Feb-15 (Extended deadine, no penalty: Wed Feb-17) (Late deadine, 50% credit; Fri Feb-26) (Notabook 3 is ungraded.)		(TZC: 20210215)											
4 Mon F	Topics 7+8: Tidying data (pandas) + basic	Notebook 5 (4%): due Mon Feb-22 (Extended deadine, no penalty: Wed Feb-24) (Late deadine, 50% credit): Fri Feb-26) (Notebook 6 is ungraded.)	20210222	(TZC: 20210222)											
5 Mon F	Feb 22 Sun Feb 28 Midterm 1: Topics 0-5	Midterm 1 (10%): release on Fri Feb-26 at 12:00 UTC, due by Mon Mar-8 at 11:59 UTC	20210308	[TZC: 20210308]											
6 Mon		Notebook 7 (4%): due Mon Mar-8 (Extended deadine, no penaity: Wed Mar-10) (Late deadine, 50% credit: Fri Apr-2) (Notebook 8 is ungraded.)	20210308	[TZC: 20210308]											
7 Mon	Topic 10: Array processing using Numpy +	Notebook 9 (4%): due Mon Mar-15 (Extended deadline, no penalty: Wed Mar-17) (Late deadline, 50% credit: Fri Apr-2) = Withdraw deadline is Sun Mar-14.	20210315	(TZC: 20210315)											
8 Mon N	Mar 15 Sun Mar 21 Topic 11: Ranking + Markov chains	Notebook 10 (4%): due Mon Mar-22 (Extended deadline, no penalty: Wed Mar-24) (Late deadline, 50% credit): Fri Apr-2)	20210322	(TZC: 20210322)											
9 Mon N	Mar 22 Sun Mar 28 Topic 12: Linear regression	Notebook 11 (4%): due Mon Mar-29 (Extended deadline, no penalty: Wed Mar-31) (Late deadline, 50% credit): Fri Apr-2)	20210329	[TZC: 20210329]											
10 Mon N		Midtern 2 (15%): release on Fri Apr-2 at 12:00 UTC due by Mon Apr-12 at 11:59 UTC		ITZC: 20210412											
11 Mon	nApr 5 Sun Apr 11 Topic 13+14: Classification and clustering	Notebook 12 (4%): due Mon Apr-12 (Extended deadline, no penalty: Wed Apr-14) (Late deadline, 50% credit: Fri Apr-30)	20210412	[TZC: 20210412]											
12 Mon A	Topic 15: Compression via dimension Apr 12 Sun Apr 18 reduction	Notebook 13+14 (4+4+8%): due Mon Apr-19 (Extended deadline, no penaity: Wed Apr-21) (Late deadline, 50% credit: Fri Apr-30)	20210419	(TZC: 20210419)											
13 Mon A	Apr 19 Sun Apr 25 Final exam study period	Notebook 15 (4%): due Mon Apr-26 (Extended deadline, no penalty: Wed Apr-28) (Late deadline, 50% credit: Fri Apr-30)	20210426	(TZC: 20210428)											
14-15 Mrn A	Apr 25 Thu May 6 Final Exam	Final exam: release on Fri Apr-30 at 12:00 UTC, due by Thu May-5 at 11:59 UTC		(TZC: 20210506)											

Fal	1 20	20																
poics.	eil be n	elease	d on Monday	of each week at 12:00 UTC (military t	ime).													
otebo	al will be ok's due re Mon 3	e date.	(For instance	opic and its associated Notebook (if an e, if Notebook 5 is due on Mon Sep-21) approximately two weeks before the then we will release Topic 5 and Notebook 5 on													
he va	ue of ea	ach No	tebook and E	Exam, as a percentage of your final gra	de, is shown in parentheses.													
Neek	Dates		Topic	c(s)	Assignment(s) due The due time is always 11: 59 UTC unless otherwise specified.	ISO Due Date	Time Zone Converter Link for Due Date/Time	Updatesiemate										
	Aug	-17	Aug-23 Topic	cs 0+1: Intro + Python review	Notebook 0 (2%): officially due Mon Aug-24 (Extended deadline, no penalty: Wed Aug-26) (Late deadline, 50% credit): Wed Sep-23)	20200824	(TZC: 20200824)											
,	Aug	-24	Aug-30 Topic	2 Mining association rules	Notebook 1 (4%): due Mon Aug-31 (Extended deadline, no penalty: Wed Sep-2) (Late deadline, 50% credit): Wed Sep-23)	20200631	(TZC: 20200831)											
2	Aug	-31	Sep-6 Topic	cs 3+4: Math review + floating-point	Notebook 2 (4%): due Mon Sep-7 (Extended deadline, no penalty: Wed Sep-9) (Late deadline: Wed Sep-23)	20200907	[TZC: 20200807]											
3	Seg	ip-7	Topic Sep-13 web r	cs 5+6: Preprocessing unstructured data + mining	(Notebook 3 is ungraded.)	20200914	(120-20200914)											
4	Sep	⊳14	Topic Sep-20 visual	cs 7+8: Tidying data (pandas) + basic alizations	Notebook 5 (4%): due Mon Sep-21 (Extended deadline, no penalty: Wed Sep-23) (NO LATE SUBMISSIONS) (Notebook 6 is ungraded.)	20200921	[720: 20200921]											
5	Sec	-21	Sep-27 Midte	erm 1: Topica 0-5	Midterm 1 (10%): release on Fri Sep-25 at 12:00 UTC, due by Mon Oct-5 at 11:59 UTC	20201005	ITZC: 202010051											
6	Sep	-28	Oct-4 Topic		Notebook 7 (4%): dae Mon Oct-5 (Extended deadline, no penalty: Wed Oct-7) (Late deadline, 50% credit: Fri Oct-30) (Notebook 8 is ungraded.)	20201005	[TZC: 20201005]											
7	00	c1-5	Topic Oct-11 Scipy	c 10: Array processing using Numpy +	Notebook 9 (4%): due Mon Oct-12 (Extended deadline, no penalty: Wed Oct-14) (Late deadline, 50% credit: Fri Oct-30)	20201012	[TZC: 20201012]											
8	Oct-	1-12	Ocl-18 Topic	c 11: Ranking + Markov chains	Notebook 10 (4%): due Mon Oct-19 (Extended deadline, no penalty: Wed Oct-21) (Late deadline, 50% credit): Fri Oct-30)	20201019	(TZC: 20201019)											
2	0d-	-19	Oct-25 Topic		Notebook 11 (4%): due Mon Oct-28 (Extended deastine, no penalty: Wed Oct-28) (Late deadline, 50% credit): Fri Oct-30) = Withdraw deadline is Sat Oct-24.	20201026	(TZC: 20201026)											
10	01	1.26	Nov.1 Midde		Midterm 2 (15%): release on Fri Oct-30 at 12:00 UTC, due by Mon Nov-9 at 11:59 UTC	20201109	ITZC: 20201108											
	No				Notebook 12 (4%): due Mon Nov-9 (Extended deadline, no penalty: Wed Nov-11) (Late deadline, 50% credit: Fri Nov-27)		[TZC: 20201109]											
12	No	w-9	Topic Nov-15 reduc	c 15: Compression via dimension	Notebook 13+14 (4+4+8%): due Mon Nov-15 (Extended deadline, no penalty: Wed Nov-18) (Late deadline, 50% credit: Fri Nov-27)		(TZC: 20201116)											
13	Nov	16	Nov-22 Final	exem study period	Notebook 15 (4%): due Mon Nov-23 (Extended deadline, no penalty: Wed Nov-25) (Late deadline, 50% credit: Fri Nov-27)	20201123	(TZC: 20201123)											
	Marc	. 19	Nov-29 Final		Final exam: release on Thu Nov-26 at 12:00 UTC, due by Mon Dec-7 at 11:59 UTC	20201207	[TZC: 20201207]											

Sp	ring	20	20															
Topics ime)	will be rel	leased	on Monday of each week at 12:00 UTC (military															
	-1		ase each Topic and its associated Notebook (if															
any) a instar	proximative, if Note	ely two book 5	weeks before the Notebook's due date. (For is due on Mon Feb-10, then we will release															
Topic	and Note	ebook 5	5 on or before Mon Jan-27.)															
The v grade	lue of eac is shown	ch Note in pare	book and Exam, as a percentage of your final intheses.															
Week	Dates		Topic(s)	Assignment(s) due The due time is always 11: 59 UTC unless otherwise specified.	: ISO Due Date	Time Zone Converter Link for Due Date/Time	Updates/errata											
	Jan-	-6 J	an-12 Topics 0+1: Intro + Python review	Notebook 0 (2%): due Mon Jan-13	20200113	TZC: 20200113												
			an-19 Topic 2: Mining association rules	Notebook 1 (4%): due Mon Jan-20		[TZC: 20200120]												
	Jan-3	20 J	an-26 Topics 3+4: Math review + floating-point	Notebook 2 (4%): due Mon Jan-27	20200127	[TZC: 20200127]												
	Jan-1	27	Feb-2 web mining	Notebook 4 (4%): due Mon Feb-3 (Notebook 3 is ungraded, or 0% of your final grade.)	20200203	[TZC: 20200203]												
	Feb	-3	Topics 7+8: Tidying data (pandas) + basic Feb-9 visualizations	Notebook 5 (4%): due Mon Feb-10 (Notebook 6 is ungraded, or 0% of your final grade.)	20200210	[TZC: 20200210]												
	Feb-1	10 F	eb-16 Midterm 1: Topics 0-5	Midterm 1 (10%): release on Thu Feb-13 at 12:00 UTC, due by Thu Feb-20 at 11:59 UTC	20200220	(TZC: 20200220)												
	Feb-1	17 F	eb-23 Topic 9: Relational data + SQL	Notebook 7 (4%): due Mon Feb-24 (Notebook 8 is ungraded, or 0% of your final grade.)	20200224	[TZC: 20200224]	nb7 now effectiv	ively due Feb 25,	with late penalties	s until Feb 29								
	Feb-3		Topic 10: Array processing using Numpy + Mar-1 Scipy	Notebook 9 (4%): due Mon Mar-2		[TZC: 20200302]	nb9 now effectiv	ively due Mar 4, w	th late penalties	until Mar 7								
	Mar-	2	Mar-8 Topic 11: Ranking * Markov chains	Notebook 10 (4%): due Mon Mar-9	20200309	[TZC: 20200309]												
			far-15 Topic 12: Linear regression	Notebook 11 (4%): due Mon Mar-16. Note: Withdraw deadline is Wed Mar-11.		[TZC: 20200316]												
1	Mar-1	16 N	far-22 Spring break		20200323	TTZC: 202003231							_	_				
			lar-29 Midterm 2: Topics 7, 9-11	Midterm 2 (15%): release on Thu Mar-26 at 12:00 UTC, due by Thu Apr-2 at 11:59 UTC		[TZC: 20200402]												
1	Mar-2	50	Apr-5 Topic 13+14: Classification and clustering	Notebook 12 (4%): due Mon Apr-6	20200405	TZC: 20200406												
Ι.	Arr		Topic 15: Compression via dimension lor-12 reduction	Notebook 13+14 (4+4+6%): due Mon Apr-13 (late penalties are waived until Wed Apr-15 for these two notebooks)		ITZC: 202004131												
			(OPTIONAL) Topic 16: Putting it all together (pr-19 (TBD)	Notebook 15 (4%): due Mon Apr-20		[TZC: 20200420]												
1	Apr-3	20 4	pr-26 Final Exam	Final exam: release on Thu Apr-23 at 12:00 UTC, due by Thu Apr-30 at 11:59 UTC	20200430	(TZC: 20200430)												

Fall 2019

Topics will be released on Monday of each week at 12:00 UTC (military time).

Our goal will be to release each Topic and its associated Notebook (if any) approximately two weeks before the Notebook's due date. (For instance, if Notebook 5 is due on Mon Sep-23, then we will release Topic 5 and Notebook 5 on or before Mon Sep-9.)

Week	Dates		Topic(s)	Assignment(s) due The due time is always 11: 59 UTC unless otherwise specified.
0	Aug-19	Aug-25	Topics 0+1: Intro + Python review	Notebook 0: due Mon Aug-26
1	Aug-26	Sep-1	Topic 2: Mining association rules	Notebook 1: due Mon Sep-2
2	Sep-2	Sep-8	Topics 3+4: Math review + floating-point	Notebook 2: due Mon Sep-9
3	Sep-9	Sep-15	Topics 5+6: Preprocessing unstructured data + web mining	Notebook 4: due Mon Sep-16 (Notebook 3 is ungraded)
4	Sep-16	Sep-22	Topics 7+8: Tidying data (pandas) + basic visualizations	Notebook 5: due Mon Sep-23 (Notebook 6 is ungraded)
5	Sep-23	Sep-29	Midterm 1: Topics 0-5	Midterm 1: release on Thu Sep-26 at 12:00 UTC, due by Thu Oct-3 at 11:59 UTC
6	Sep-30	Oct-6	Topic 9: Relational data + SQL	Notebook 7+8: due Mon Oct-7
7	Oct-7	Oct-13	Topic 10: Array processing using Numpy + Scipy	Notebook 9: due Mon Oct-14
8	Oct-14	Oct-20	Topic 11: Ranking + Markov chains	Notebook 10: due Mon Oct-21
9	Oct-21	Oct-27	Topic 12: Linear regression	Notebook 11: due Mon Oct-28
10	Oct-28	Nov-3	Midterm 2: Topics 7-11	Midterm 2: release on Thu Oct-31 at 12:00 UTC, due by Thu Nov-7 at 11:59 UTC
11	Nov-4	Nov-10	Topic 13: Classification	Notebook 12: due Mon Nov-11
12	Nov-11	Nov-17	Topic 14: Clustering	Notebook 13: due Mon Nov-18
13	Nov-18	Nov-24	Topic 15: Compression via dimension reduction	Notebook 14: due Mon Nov-25
14	Nov-25	Dec-1	(OPTIONAL) Topic 16: Putting it all together (TBD)	Notebook 15: due Mon Dec-2
15	Dec-2	Dec-8	Final Exam	Final exam: release on Thu Dec-5 at 12:00 UTC, due by Thu Dec-12 at 11:59 UTC