PA-10288
1 A-10200

SEAT No.:	
DEMI 110	

[Total No. of Pages : 1

		1	•12• (Com	pute	TARTS	ginee	i ilig)	(1113) () ()			
		DATA	SCI	ENC	EA)DB	IG D	ATA	ANA	ALYI	TICS		
	(2019 Pattern) (Semester - II) (310251)												
Time	2:11	Hour]		, S	3					L	Max.	Marks	s:30
Instr	ucti	ons to the	eandie	lates;) '								
	<i>1</i>)	Answer q	<i>juestic</i>	ns Q.	1 or Q.	2, Q.3	or Q.	1 .					
	2) Neat diagrams must be drawn wherever necessary.												
3) Figures to the right side indicate full marks.4) Assume suitable data if necessary.													
	<i>5</i>)	Use of S	cientij	fic cal	culato	r is al	lowed.		<u>)</u>	3			
		26.							X	2			
Q 1)	a)	What ar	e dim	ensio	nality	reduc	tion	nd its	bene	fits?			[4]
	b) \	What is	data	wrang	gling?	Why	de yo	u nee	d it?				[5]
c) What is regression? Explain different types of regression with										h exar	nple.		
							7 6	3					[6]
						QO]	R N						
Q2)	a)	Differen	ntiate	betwe	en Da	ta Sci	ience,	Mach	nine L	earnin	g and	AI.	[4]
	b)										[5]		
	c)	What is Data Discretization, explain Forms of data discretization. [6]									[6]		
	ŕ					2.	•						
Q 3)	a)	Write a	short	note	omco	ntinge	ency ta	ible e	exnlaii	n with	exam	nle	[4]
20)	b)	With an			\ <u>\</u>	•	•		-				
	U)	willi all	CXall	ibi@c	хріані	Баус	s uic	oreni.	AISO	Схріаі	Hy IUS	Sely ic	[5]
	<u>a)</u>	Is there	o corr	alatio	n hatu	zoon tl	ao mori	oblos	in the	fallow	ring d	oto cot	
	c)	Is there a									7		ı: [U]
		Hours	9	15	25	14	10	18	19	16	20	18	
		Marks	39	56	93	61	50	75	42	70	66	32	
						O]	R) 6	35/			
Q4)	a)	What is population & how is it differ from a sample?									[4]		
	b)	With an example, explain one-tailed & two-tailed t-tests.									[5]		
	c)	Describe	e the	Chi-S	allare	Test	of Ind	enenc	Hence				[6]

[6]

