

	Time t Mayors Interpret	None: M	ayer Taisway
7/7/22	ASSIGNMENT	Page	No.
		13	
95	I In the Quant test of CAT	orom, the population	standard -
	deviation à traon to be 100.	H Sample of	The state of
-	has a mean of 500. Construct Cuiven: 0=100, n=25, 5 = 520	80% C7 4000 = C.8	ar morau
	A=1-0.8=0.2	mortinitation d	באי גובע ש
		eding i Made	
	C.7 = Point Estimate & Margion Es		
	: ā † Zarp or Vn	mitablication has	w 1014.060
	Vn		7 8 0
	= 520 = 2026 100	0.1	0.1
	V25	1	anen
	= 520 ± 20.1 100 20	-1.29	1.29
	8,	1-0-1=0	9
	= 520 ± Zo., (20)	z folle 0. q	The state of the s
	= 520 £ 1.29 (20)	of domas being	
	=520 ± 25.8	Melia : Maga	1 21
	Laves Forch = 520-25.8 = 994.2		× 0.8
	Highon Frech = 520 + 25.8 = 545.8	0.1	1/4
		XI min	1x0.1
		494.2	545.8
		1	
		. As third this	1 2 3
		abolt 3 miller	
		TO BUN	0.000

Common M	Name: Mayer Jaisway	
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	Data	
	ASSIGNMENT	
1	suspendant of president	
03	A can company believes that the prescentage of president	-
A	in city ABC that owns a vehicle is 60% are less. A	
"I love		
	hypothesis b) At 10% significance level, is those enough evidence	
	to supposed the idea that vehicle ownership in	
	ABC is 60% at less !	
	Circen: po = 60 = 0.6, n=250, x=170, x=0.1, p=x=170=0.6	
	90=1-p0=1-0.6=0.4	
	Step 1:	
	Ho: po > 0.6	
	M: po 5 0.6	
	Step 2:	
	W = 0.1	
	Step 3:	
	0:1	
	-1.29	
	Step 4:	
	2 = \$-\$0 = 0.68-0.6 = 2.58	
	Po que \(\square 0.6 \times 0.4 \\ \tag{250}	
	456	
	Ps 2.58>-1.29	
	Procept Ho	
1	The permentage of sussidents that own a vehicle is more than 8%.	
	6 own a vehicle is more than 8%.	

04.	what is the value of the 99 persentile?
9	2, 2, 3, 4, 5, 5, 5, 6, 7, 8, 8, 8, 8, 9, 4, 10, 11, 12
-	+ N = 20
	Value = percentile x (n+1)
	100
	= 99 × 21
	To left skewed distribution Mades Median 792100
	= 20.79 pind comed for age fil set
	As 21 of element doesn't
·.	Value = 20th = 12 mitodivish house toget
	The value of the 99 percentile is 12

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1	
95	In left and sight skewed data what is the sielationship between med mean, median and made? Demon the graph to suppresent the same.
	Left-skewed distribution 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	Mean Mode
	In left-skewed distaribution Mode > Median > Mean
	Eg: Like Span of human Cring
	Right - skeeped diskyrbertion Mean Mean Mean
a then had	Model bounds with her that it
	In stight-showed distribution Means Medians Mode
	refined distribution