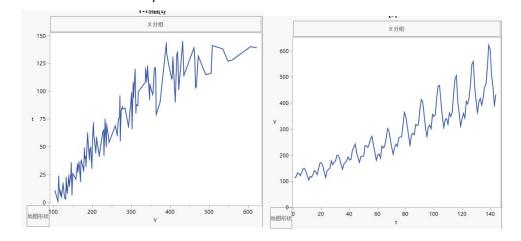
$\ensuremath{\mathrm{Q}} 1$ According to the graph, this is a increasing trend. Ans it is a annual seasonality $\ensuremath{\mathrm{So}} :$

Does the time series have a trend? Yes

Does it have seasonality? Yes



Q2				
Mean	280. 2986111		lag	Auto colleration
			0	1
			1	0.960194648
t	Y	residenatia:	2	0.895675311
1	112	-168.298611	3	0.837394765
2	118	-162.298611		
3	132	-148.298611		
4	129	-151.298611		
5	121	-159.298611		
6	135	-145.298611		

Picture is not in Full. The excel file will come with the submission Lag 3 = 0.837394765

Q3

t		Y		a=0.2	Error	a=0.6	Error	RMSE a=0.2	RMSE a=0.6
	1		3.	3					
	2		3.	ô 3.3	0.3	3.3	0.3	0.943751069	0.772280475
	3		2.	3.36	0.46	3.48	0.58		
	4		1.	9 3.268	1.368	3.132	1.232		

Picture is not in Full. The excel file will come with the submission α = 0.6 is better