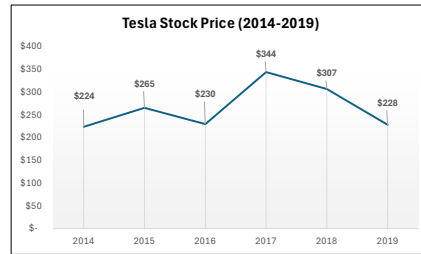


- 1) Suppose that on July 25, 2014 you purchased shares in Tesla Inc. It is now 5 years later and you decide to evaluate your holdings to see if you have done well with this investment. The table below shows the end of July market prices of TSLA

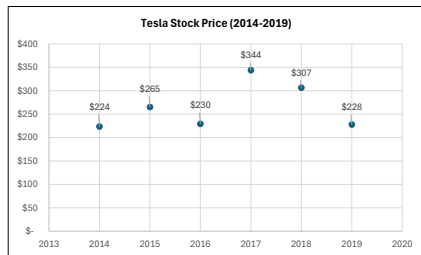
A

TSLA Stock Prices			
Date	Price	% Return	Cum. Return
2014	\$ 224	0%	1
2015	\$ 265	18.71%	1.187144966
2016	\$ 230	-13.53%	1.02656886
2017	\$ 344	49.82%	1.537997048
2018	\$ 307	-10.82%	1.371606208
2019	\$ 228	-25.64%	1.019993738

CAGR  
0.33%



E



The difference between these two charts is that the line chart is a continuous line over time while the scatter plot is composed of discrete points. In the case of analyzing TSLA stock, using a line chart is more appropriate in observing the slope over time. However, if our goal was perhaps to make a forecast of the price in the future, using the scatter plot is helpful in crafting our own line through trend/regression analysis.

B

C

D

F

The enhancements to the graph don't really help interpret more than what is already being shown in the line and scatter charts. Simple visuals go a long way in depicting relationships, overdoing it can detract from what is being conveyed by the data.

