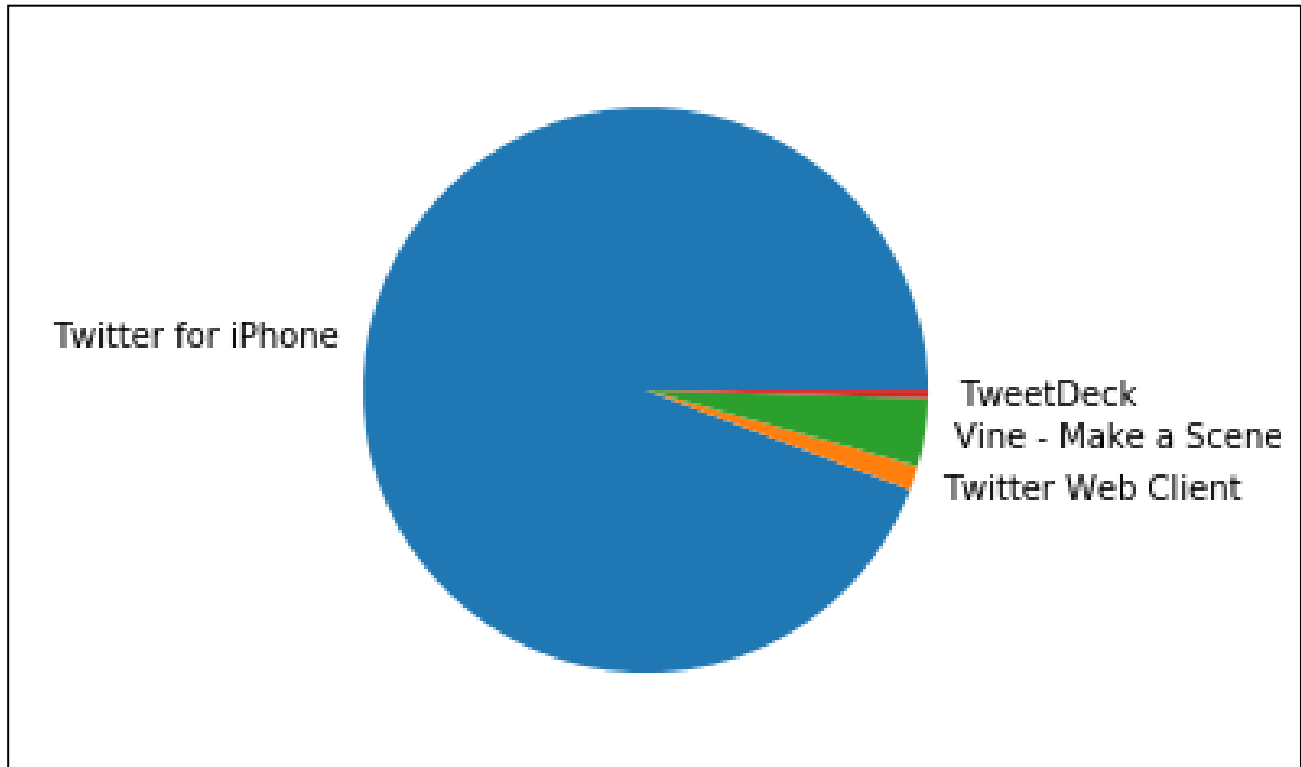
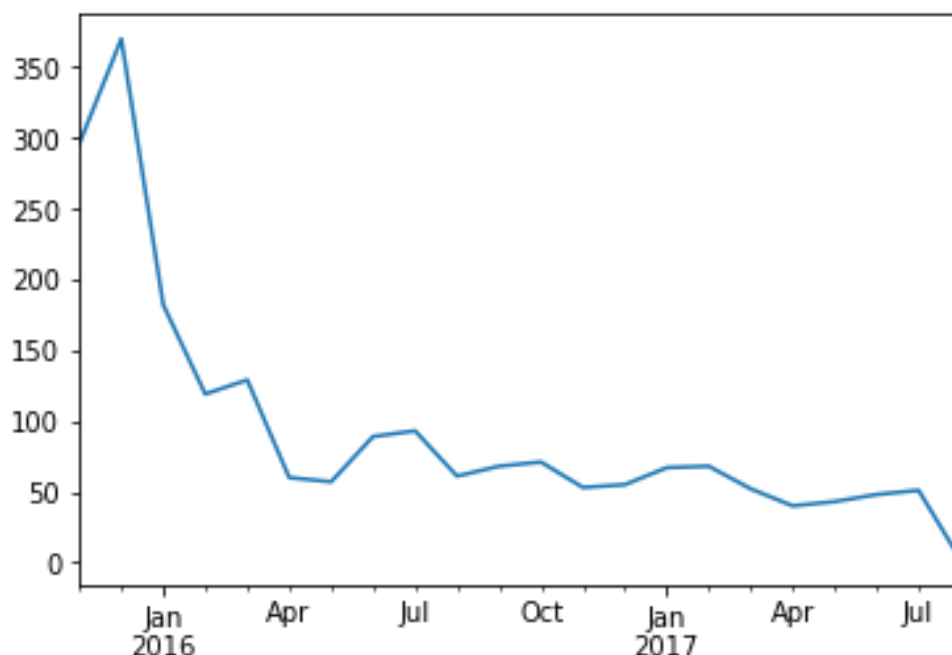


insights and visualization

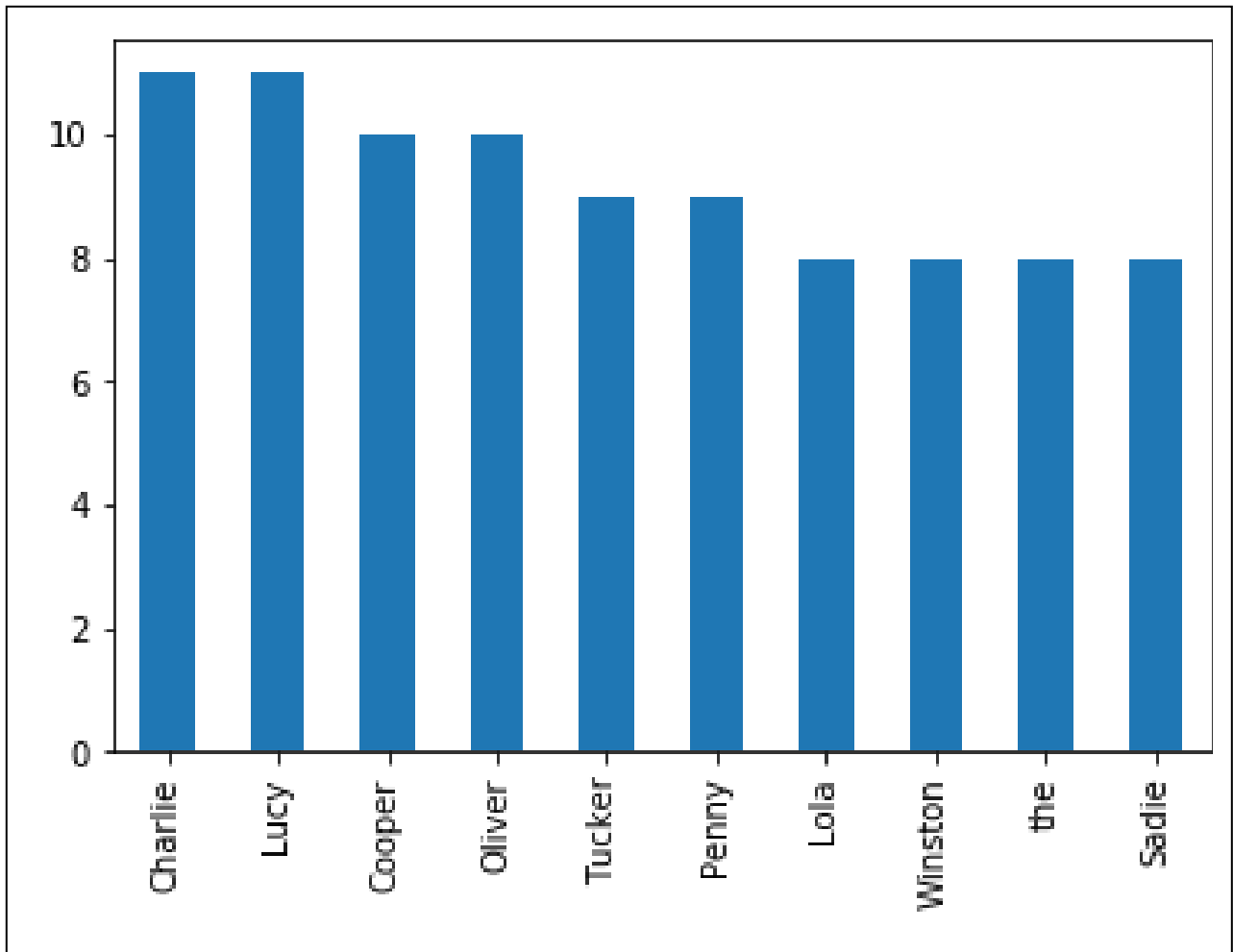
- First insights : tweet from device
 - I found the most device used in tweet is iphone by 94 % and the author device is 6% that as show below



- Second insights : The tweets in 2016 were the most ever and then began to decline until late 2017 that as show below



- third insights : top ten dog name
 - the first name is Charlie and Lucy they repeated 11 times
 - then Cooper and Oliver they repeated 10 times
 - and the others show in the plot



thank you