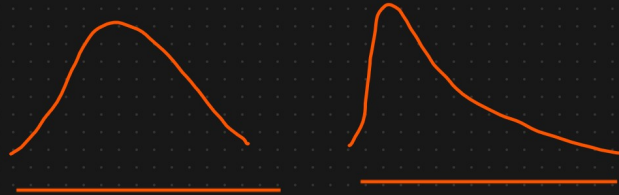
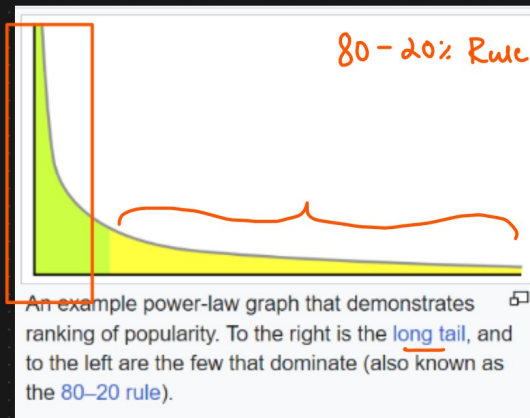


① Power Law Distribution

In statistics, a power law is a functional relationship between two quantities, where a relative change in one quantity results in a proportional relative change in the other quantity, independent of the initial size of those quantities: one quantity varies as a power of another



Eg: IPL

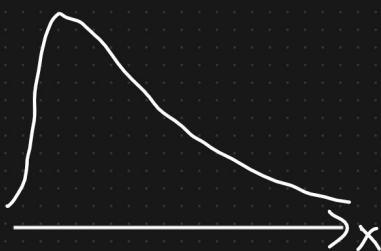
① 20% of Team is responsible for winning 80% match

② 80% of wealth are distributed with 20% of the total population

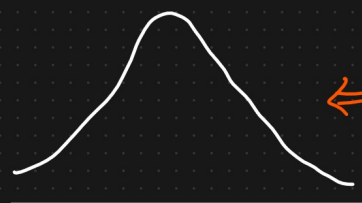
③ 80% of the total oil is with 20% of the nation

④ Frequencies of words in most languages.

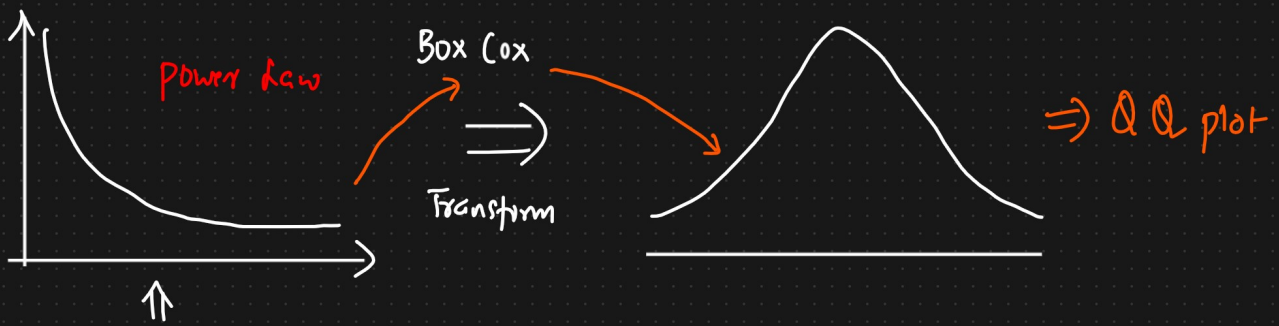
⑤ 20% of the major defects fixes the 80% of upcoming defects in a software product



$\ln(x)$
 \Rightarrow



\Leftarrow Normal Distribution



Pareto Distribution [80-20%]