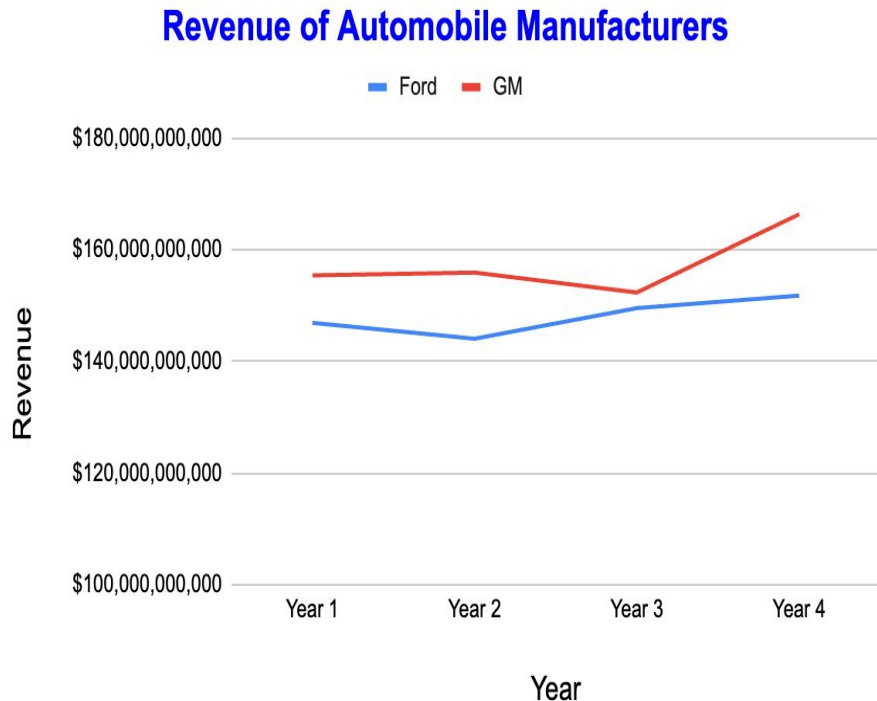


Task 1

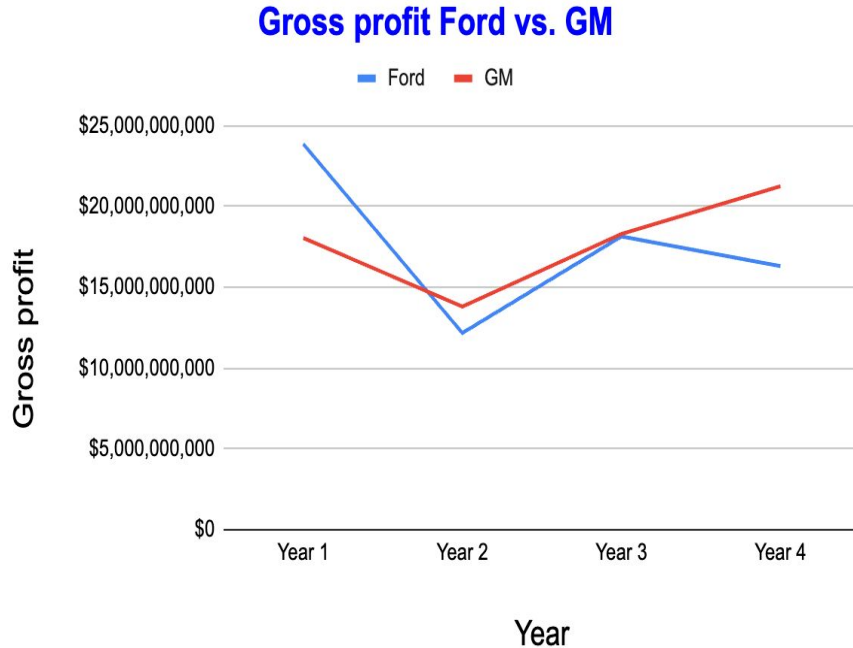
Summary statistics

Revenue of Automobile manufacturers over time



- If we look at the chart beside, revenue of GM seems to have a sharp increase on an average over the years when compared to Ford.
- In year 2, Ford seems to have a significant decline in the revenue.
- GM's revenue remains relatively stable from 2013 to 2015 and experiences a considerable increase in 2016 which might be due to a different approach in their business model.

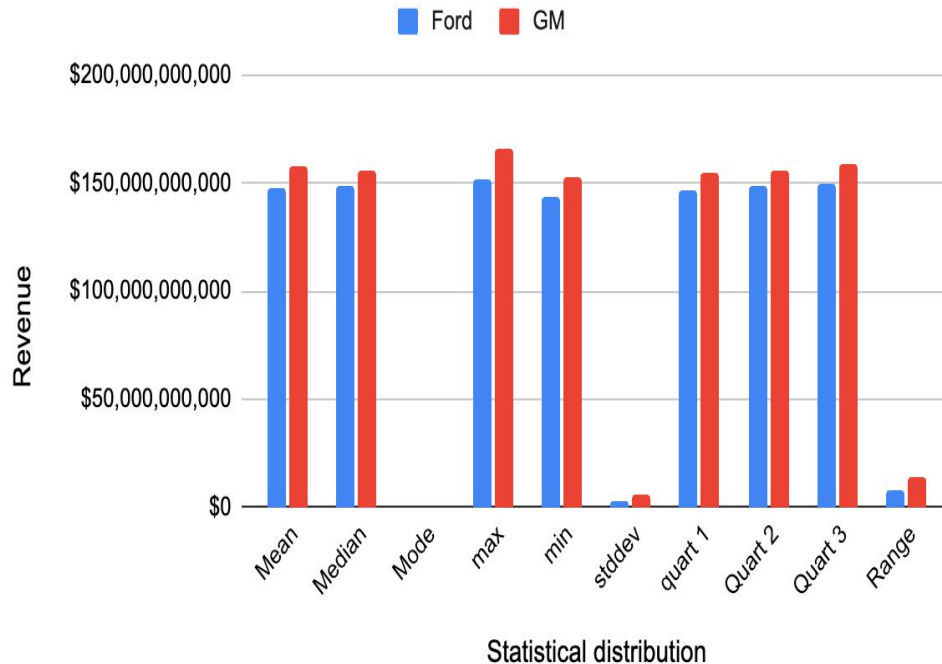
Gross profit of Automobile manufacturers over time



- There is a dip in gross profit in year 2 for both the automobile manufacturers, meaning both Ford and GM might have implemented bad business strategies.
- Though both the companies raised their profits in year 3 showing positive outcomes in the gross profit.
- In year 4, Ford again drastically saw a decrease in gross profit, whereas GM managed to show an upward trend in terms of profit.

Statistical summary of revenue for Ford and GM

Revenue comparison Ford vs. GM



- The mean revenue of GM appears to be consistently higher than that of Ford over the given years, as the mean values of GM are generally greater.
- Standard deviation of GM appears to be higher than Ford, showing that GM's revenue is volatile and inconsistent.
- Range of GM (\$14,024,000,000) seems to be higher than Ford (\$7,723,000,000) indicating that revenue of GM is more spread out and have a wider variation compared to Ford.

Google sheet link for Statistical summary, P&L statement and
Financial model

<https://docs.google.com/spreadsheets/d/17-DTE88t3M6nRUYfMiOKcbc2qf0NJazCcnu7dKqZ0f8/edit?usp=sharing>