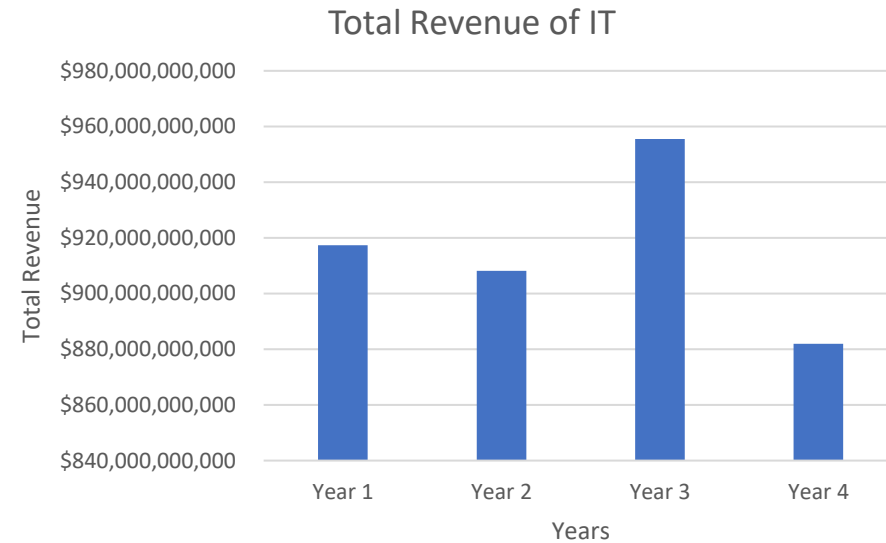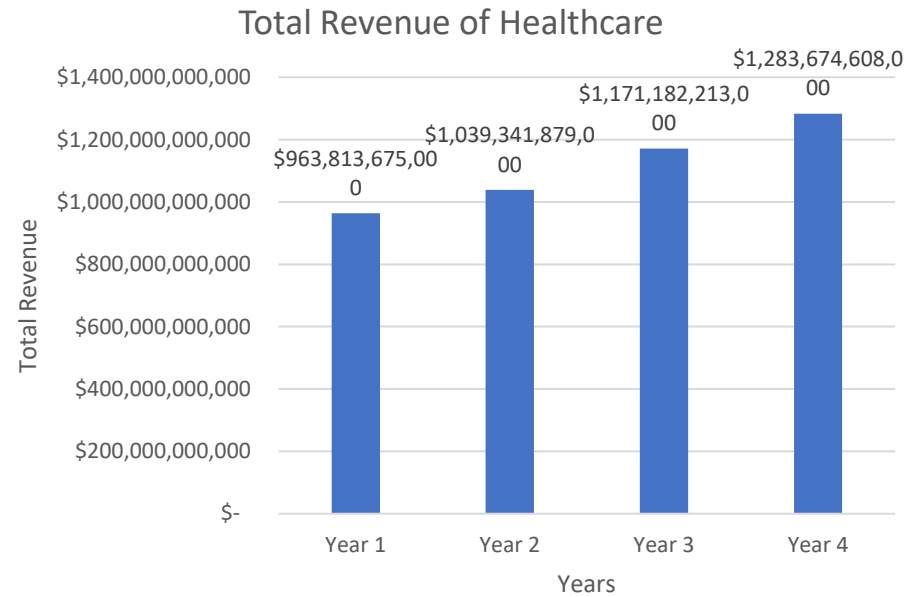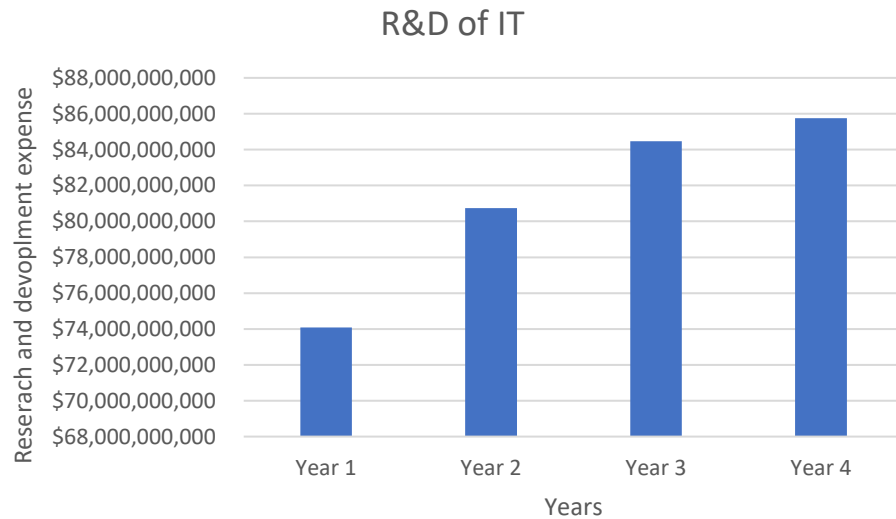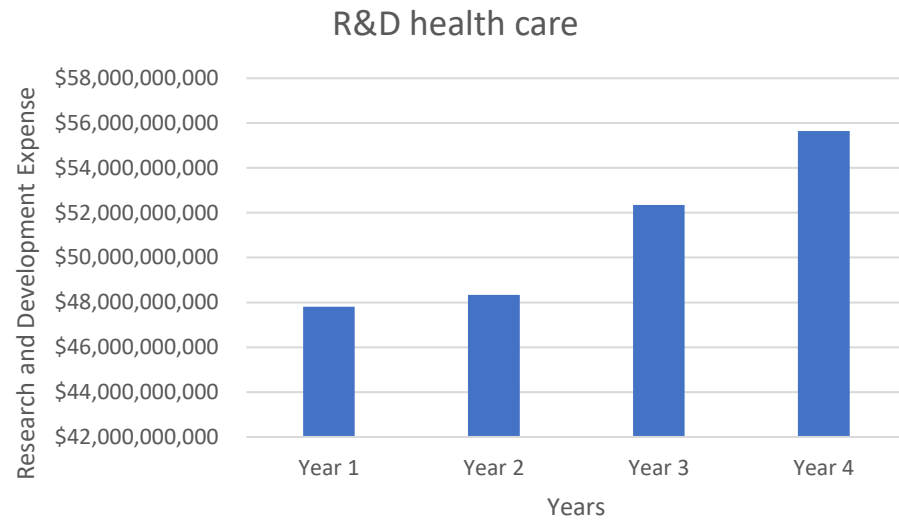# TASK 1
Financial/Summary Statistics

Total Revenue comparison of Health care and IT sector

Total Revenue of Healthcare

$1,400,000,000,000
$1,200,000,000,000
$1,000,000,000,000
$800,000,000,000
$600,000,000,000
$400,000,000,000
$200,000,000,000
$-

$963,813,675,000 — Year 1
$1,039,341,879,000 — Year 2
$1,171,182,213,000 — Year 3
$1,283,674,608,000 — Year 4

Total Revenue (y-axis), Years (x-axis)

Total Revenue of IT

$980,000,000,000
$960,000,000,000
$940,000,000,000
$920,000,000,000
$900,000,000,000
$880,000,000,000
$860,000,000,000
$840,000,000,000

Year 1, Year 2, Year 3, Year 4

Total Revenue (y-axis), Years (x-axis)

Total Revenue of Health care as we see in chart 1 for 4 years it has been increasing year by year. Whereas in IT revenue in chart 2 there has been major decrease and major increase in revenue from year to year. But, at the same time IT total revenue is higher than Healthcare sector in all years.

R&D health care

R&D of IT

What is R&D expense in Health care and IT sector?

- Summary Statistics

- Health Care R&D

Mean	1074331053
Median	292050000
Standard Dev	1854536358
Skew	2.299145744
Max	8393000000
Min	0
Range	8393000000

IT R&D

Mean	1413211465
Median	607550000
Standard Dev	2506347817
Skew	2.946531834
Max	12740000000
Min	0
Range	12740000000

- Here we have created Colum charts for R&D Expense in Health Care and IT sector to compare its summary statistics.
- IT R&D expense is higher than Health Care as we also see in summary statistics. Mean in health care is around 107 million and IT mean is around 141 million. Both the sectors have a positive Skewes because mean is greater than median . Whereas median for IT is more than double then Health Care sector.
- Standard deviation of health care data is 185 million and IT is 250 million. As IT sector standard deviation is higher, which can be seen in the chart showing their rapid growth. From STD/range we can assume that their investment in R&D will keep on increasing, due to which same trend will be seen in their total revenue meaning more revenue generated in coming years as compare to Heath Care.
- Overall, IT sector has more expenditure in R&D then Health care sector

THANK YOU