

Data visualization is the graphical representation of information and data. By using visual elements like charts, graphs, and maps, data visualization tools provide an accessible way to see and understand trends, outliers, and patterns in data.

In the world of Big Data, data visualization tools and technologies are essential to analyze massive amounts of information and make data-driven decisions.

Data visualization is another form of visual art that grabs our interest and keeps our eyes on the message. When we see a chart, we quickly see trends and outliers. If we can see something, we internalize it quickly. It's storytelling with a purpose. If you've ever stared at a massive spreadsheet of data and couldn't see a trend, you know how much more effective a visualization can be.

## Some Useful links

## 1.Seaborn and matplotlib

<https://medium.com/ml-with-arpit-pathak/data-visualization-using-matplotlib-and-seaborn-in-python-62fd64a57936>

## 2. Matplotlib

<https://python4astronomers.github.io/plotting/matplotlib.html#:~:text=The%20matplotlib%20documentation%20is%20extensive%20and%20covers%20all,matplotlib%20functionality%3B%20Thumbnail%3A>

<https://www.tutorialspoint.com/matplotlib/index.htm>

### 3.Seaborn

[https://www.tutorialspoint.com/seaborn/seaborn\\_introduction.htm](https://www.tutorialspoint.com/seaborn/seaborn_introduction.htm)

<https://seaborn.pydata.org/introduction.html>

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