

REPORT

INFORGRAPHICS 1 (MONTHLY)

BAROMETER

I have used Line Chart in this, as the line chart gives a better visualization of Barometer reading. It shows the minimum, maximum and variation of air pressure with each month. I have plotted multiple values for each month to get a better idea about the variation. While I had plotted values for each month, only certain month labels are visible due to size limitations. This is the case with the other charts too.

RAINFALL

I used a donut chart for this. Well, pie chart would have done the same job, but the donut chart seemed intriguing. Basically, I was interested to depict the percentage of rainfall recorded in each month instead of just plotting the rainfall(mm) values as that would have made it complex. Although, It was very difficult to accommodate all the month due to size limitations.

OUTDOOR TEMPERATURE

As It contained multiple parameters like Temperature, Temperature range(low), Temperature range(High), so I used stacked bar chart and area chart to give an idea of how all these values vary with each month.

INDOOR TEMPERATURE

Similar reason as above. I have used area chart as it give a better visualization while dealing with multiple columns of values.

INFOGRAPHICS (SEASONALLY)

BAROMETER

Once again, I have used line chart but this time, I have plotted the values seasonally. I took multiple values for each season to give a better idea about the variation of air pressure with each season. It also shows the minimum and maximum value.

RAINFALL

Pie Chart! As stated earlier, I was interested in showing the percentage wise distribution of rainfall. Donut chart would have been equally good, but I have already used them in monthly case.

OUTDOOR TEMPERATURE

I have used stacked bar graph as I had to deal with multiple columns. You can see from the graph there is slightly negative tendency in the temperature during Autumn and Winter.

INDOOR TEMPERATURE

I have used multiple line chart and area chart. Each line represents an individual column like Humidity, Temperature, Temperature range (low and High). Same reason with the area chart, each area represents specific column values.