Frequently Asked Questions

1. What are the three different style of plotting polar charts?
   Answer: Different styles of plotting polar charts are:

- Polar line chart
- Polar area chart
- EM Field Strength

2. Explain Vector chart.
   Answer: Vector charts are a graphic format in which charts are presented in a more schematic manner. This chart/screen presents less information about land and other features, and water depths are presented more by color layers than by soundings. As you zoom in, the information changes.

3. What do you mean by series in a combination chart?
   Answer: Series by in the combination chart is the way to divide the data into slices. The slices in the combination chart are called series and can be defined as bars or lines as well as being coloured separately.

4. What is a Polar chart?
   Answer: The Polar chart is a circular graph on which data points are displayed using the angle, and the distance from the centre point. The X axis is located on the boundaries of the circle and the Y axis connects the centre of the circle with the X axis.

5. In a polar chart, X axis is plotted along a radius?
   Answer: No, in a polar chart, the X-axis value is used to set the angle.

6. Explain horizontal combination chart.
   Answer: Horizontal combination charts map their presentation onto a rectangular area using a horizontal and vertical axis. In a horizontal combination chart, a column of data (a category) is a series of data points or columns along the vertical axis (or y-axis). The length of the point or column along the horizontal axis (or x-axis) represents the value of the category item.

7. What do you mean by combo charts?
   Answer: A combo chart is a chart that combines two or more chart types in a single chart. A popular example of a combo chart is a bar and line graph. Combination charts may plot data on a single axis or on dual axes. Combo chart is also known as Combination charts.

8. What are the steps to save the chart as a template?
   Answer: To save the chart as a template, we have to follow the following steps:

1) Click the chart that you want to save as a template.
2) On the Design tab, in the Type group, click Save as Template.
3) In the File name box, type a name for the template.
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9. What is a Radar chart?

Answer: A radar chart is a graphical method of displaying multivariate data in the form of a two-dimensional chart of three or more quantitative variables represented on axes starting from the same point.

10. Where is radar charts generally used?
    Answer: Radar charts are used in:

- Sourcing and Purchasing
- Human Resource Management
- Portfolio Management

11. What is the disadvantage of polar chart?
    Answer: Main disadvantage of polar chart is that it cannot be combined with any other chart type in the same chart area.

12. What are the types of combination chart?
    Answer: There are two types of combination chart:

- Vertical combination chart
- Horizontal combination chart

13. What are the advantages of vector chart?
    Answer: Advantages of vector charts are:

- Less electronic storage room is required; most apps and programs using vector charts include all U.S. waters, so you don't have to get more charts when you go to a new area.
- Zooming in and out makes movement between small-scale and large-scale charts unnoticeable and seamless.
- Vector charts have a "clean" look because they present less information on any one screen.
- Programs and apps using vector charts often build in additional features or layers including information about marinas, social features, etc.

14. What are the advantages of radar chart?
    Answer: Advantages of radar chart are:

- The Radar chart is a very effective tool for comparing multiple entities based on different characteristics on a single chart.
- Radar chart shows only the value plot, which helps the end user in easily contrasting a large number of entities.
- It can add anchors to emphasize data points in the value plot. The anchors can be configured in terms of shape, size, color and transparency.

15. What do you mean by Rose chart?
    Answer: A Rose Chart is a circular graph, similar to the Radar chart, and used primarily as a data comparison tool. Unlike most other chart types, the Rose chart does not plot an X value. Rose Chart X values are ignored for all Rose chart series. However, even though X values are ignored, the X axis is still used for the labels around the chart, as well as spacing’s between the label and the chart itself.