|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Description** | **2** | **1** | **0** | **N/A** |
| **Axis are labeled correctly**  Labels are present for both the axis showing correct information. |  |  |  |  |
| **Data is intentionally ordered**  Data is displayed in an order that makes logical sense to the viewer, for example, bar charts in ascending or descending order. |  |  |  |  |
| **Labels are used sparingly**  Labels are not redundant and misrepresentative. |  |  |  |  |
| **Text size is hierarchical**  Titles are larger than the labels. Text is preconfigured as large, medium and small. |  |  |  |  |
| **Axes do not have unnecessary axis lines**  Removed the axis line for better representing the graph, wherever required. |  |  |  |  |
| **Proportions are accurate**  Length or the area of the graph matches the relationship in the underlying data. Bar Chart start the axis at 0. |  |  |  |  |
| **Designed for Color-Blindness**  Avoided combinations of red-green while choosing color palettes. |  |  |  |  |
| **Legends introduced appropriately**  Legends are used to point out differences in classes and to avoid confusion. |  |  |  |  |
| **Unnecessary annotations not included**  Annotations at times lead to chart junk, which is avoided where the graphs are self-explanatory. |  |  |  |  |
| **Display is free from decoration**  Graphs do not include any illustrations or graphics, or clipart used solely for decoration. |  |  |  |  |
| **Charts are simple to read**  Information is close together and eyes do not need to move around much to read the chart |  |  |  |  |
| **Gridlines not used**  Gridlines, even muted, should not be used when the graph includes numeric labels on each data point. |  |  |  |  |

# **Data Visualization Checklist**