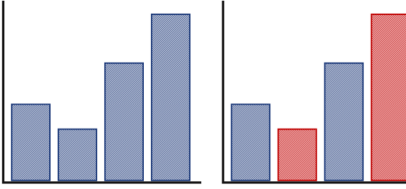
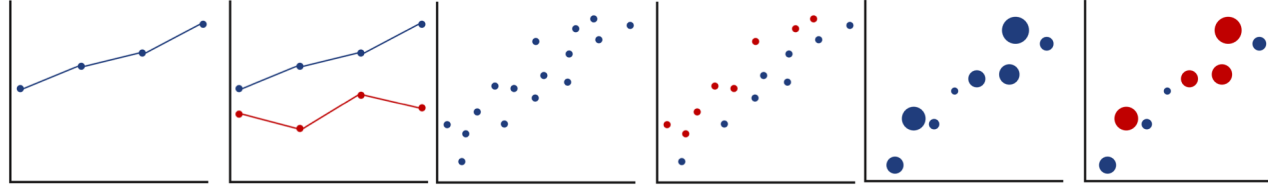
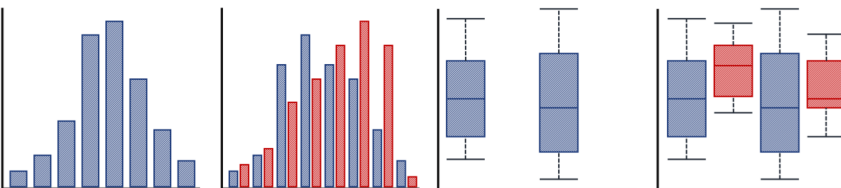
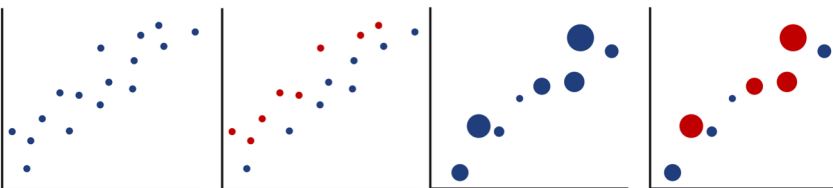
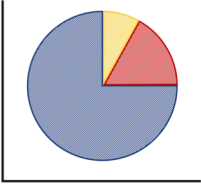
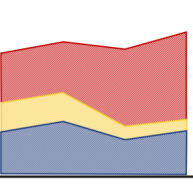




# Matching questions, words, & graph types

Type of Question	Describing Words of Data	Common Figure Types to Choose from	
<p><b>Comparisons:</b> Comparing two or more groups (same/different or correlated)?</p>	<p>before/after, categories, compare, contrast, over time, peaks, rank, trend, types, valleys, related, correlated</p>	<p>Among Items</p>  <p>Bar Chart</p>	<p>Between Variables</p>  <p>Line Chart</p> <p>Scatter Chart</p> <p>Bubble Chart</p>
<p><b>Distributions:</b> Looking at variability of a group?</p>	<p>cluster, distributed, from/to, plotted, points, spread, spread over, relative to, transfer, range of</p>	<p>Within Variable(s)</p>  <p>Histogram</p> <p>Box plot</p>	<p>Between Variables</p>  <p>Scatter Chart</p> <p>Bubble Chart</p>
<p><b>Compositions:</b> Looking at how total is proportioned into sub-groups?</p>	<p>components, divided up, group, makes up, of the whole, parts, percentages, pieces, portion, proportion, subsections, total</p>	<p>Static in Time</p>  <p>Pie Chart</p>	<p>Changing Over Time</p>  <p>Stacked Area Chart</p> <p><a href="https://datascienceliteracy.rutgers.edu/">https://datascienceliteracy.rutgers.edu/</a></p>