

# Presentation Topic: Group 2 - Arrange Tables

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## Statements

1. The way data is arranged is a crucial part in making your visualization effective. Using effective channels based off your data can make your display more impactful for the audience
2. Expressing quantitative attributes using the spatial position channel is straightforward, by mapping the quantitative data to a simple two-axis or three-axis graph (scatter plot, histogram, line plot, etc.)
3. Spatial layouts include parallel layouts (like what we have been working on in class with parallel coordinates) and radial layouts (where items are distributed around a circle, the most common example of this is a pie chart)

## Questions

1. When graphing categorical data, how can we effectively choose other channels to order the data in the most meaningful way? (7.5.1 List Alignment – One Key what makes bar chart (a) less effective than bar chart (b)?)
2. How can we effectively display key-value pairs with more than three dimensions while still being able to visualize the data without an intense amount of clutter?
3. What strategies can we use if we have large amounts of data (with many dimensions) without making an overly cluttered, or maximally dense, layout?