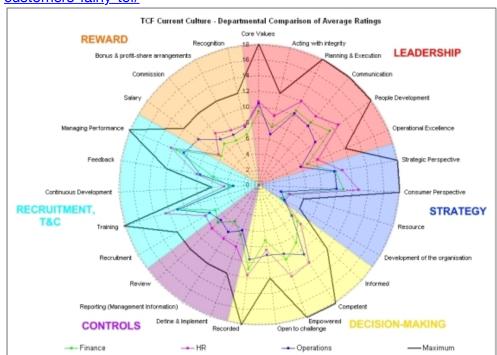
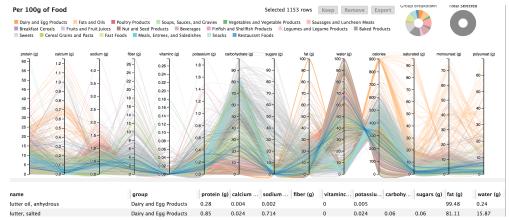
Vis Exploration - Individual HW

Jeremy Clark, Studio Grp 1 - Project Grp 2

- Assigned Topic: High Dimensional
 - 3 related visualizations
 - Radar Chart: http://www.mclarensolutions.com/our-hr-solutions/treating-customers-fairly-tcf/



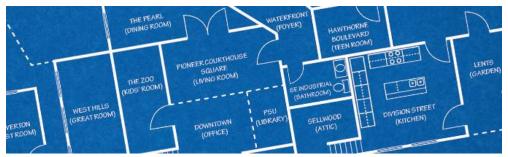
- Allows for display of many dimensions in a single visualization, and this variant offers a grouping of dimensions through the use of color. This could be used to easily view consumer spending variances between time periods based on differences in the shapes.
- Parallel Coordinates: http://exposedata.com/parallel/



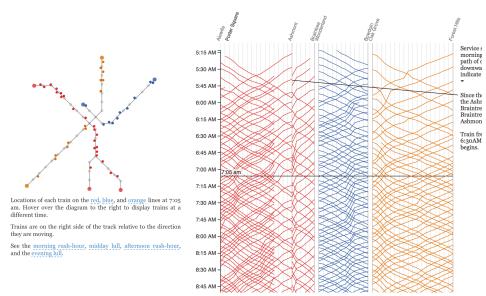
- Each row could represent a year, or a region, or some other dimension, and each column/y-axis could be the an interesting consumer spending category. This type of interactive visualization could present both the gist and the details of many variables across a wide range of dimension values.
- Linked Views/Small
 Multiples: https://datavizblog.files.wordpress.com/2014/06/home-sales-small-multiples.jpg



- This is a tableau example that shows many linked views aligned along the same x axis. I could envision a variant of this where there are timelines under the x axis with various types of historical events or periods on a single axis. The user could then brush along one of those axes to 'zoom in' on consumer spending information details around a specific event.
- 3 Other visualizations:
 - Network viz of Linux commits: https://www.youtube.com/watch?
 v=P_02QGsHzEQ
 - Pretty cool video if nothing else it shows the fluid activity of the linux development community.
 - Creative and Effective: https://www.pdx.edu/insidepsu/mapping-portlandness



- The 'blueprint' image at this URL is a cropped section of a two-page mock blueprint of Portland, OR as a residential floor plan. The book "Portlandness" is a treasure trove of visualizations, but I particularly like this one because its very easy to interpret most people have a concept of what different types of rooms represent (even if they don't have a library in their own house), and it's easy to apply that concept to the associated neighborhood in Portland. It also offers a rough geographical orientation to the Portland area.
- Favorite: Parallel Coordinates and Linked Views: http://mbtaviz.github.io
 Subway Trips on Monday February 3, 2014



The first (topmost) visualization on this page is really cool to me. I found this very easy to navigate given the interaction tools (hover tooltips are very helpful). The patterns created by the individual train data make it easy to detect deviations. Also, the linked view of the subway map for any given hover point is really cool to watch as you move the mouse.