

Earn What You Learn

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WeLoveInfoVis

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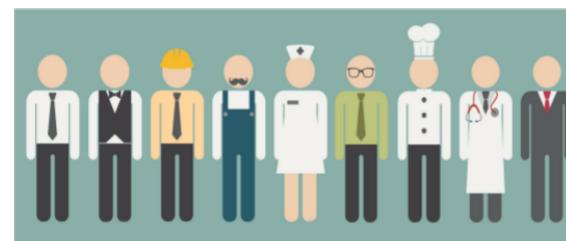
Visualize income by school and major to help plan a better career.



Inspiration

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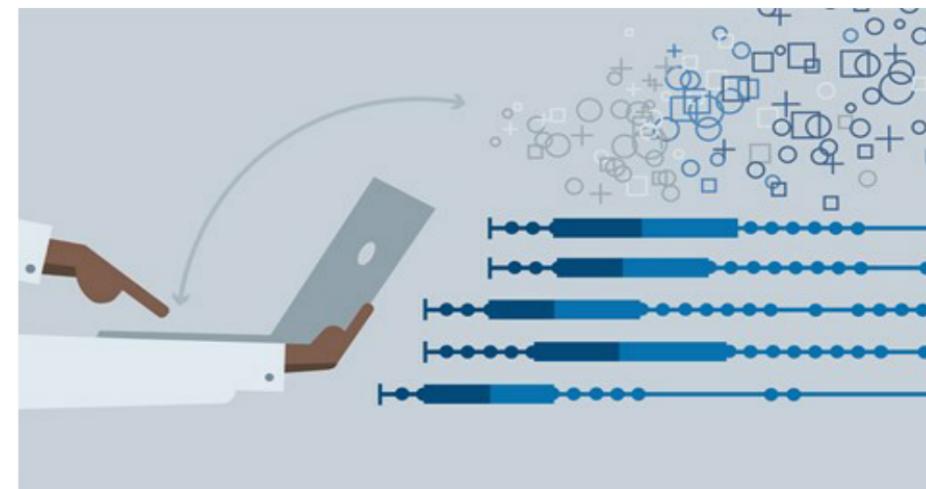
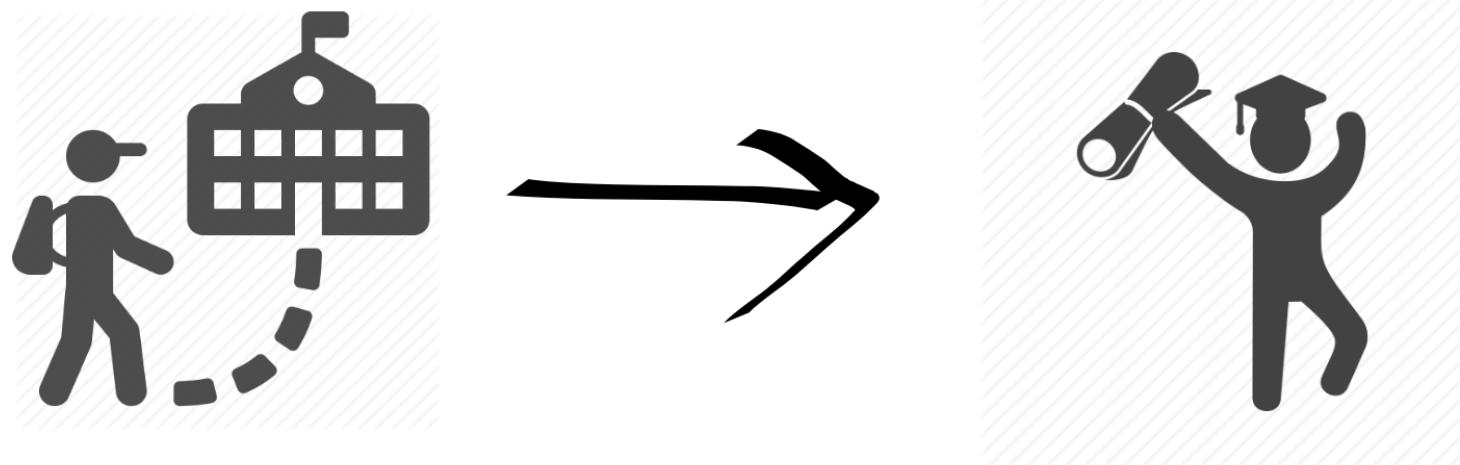
The screenshot shows the homepage of the Society for Human Resource Management (SHRM) website. At the top, there is a navigation bar with links for "HR TODAY", "RESOURCES & TOOLS", "LEARNING & CAREER", and "EVENTS". Below the navigation bar is a search bar with the placeholder "Entire Site". A blue button labeled "RESEARCH & SURVEYS" is visible. The main content area features a large headline: "2017 Employee Job Satisfaction and Engagement: The Doors of Opportunity Are Open". Below the headline is the date "Apr 24, 2017". Underneath the article are social sharing icons for "LIKE", "SAVE", "PRINT", and "REUSE PERMISSIONS". To the right of the article is a photograph of a man in a suit sitting at a desk, looking stressed with his hands clasped near his head.

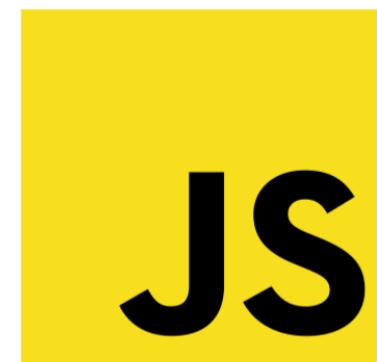


Why interesting?



Importance and Usefulness





Data Set

The screenshot shows a Jupyter Notebook interface with the following details:

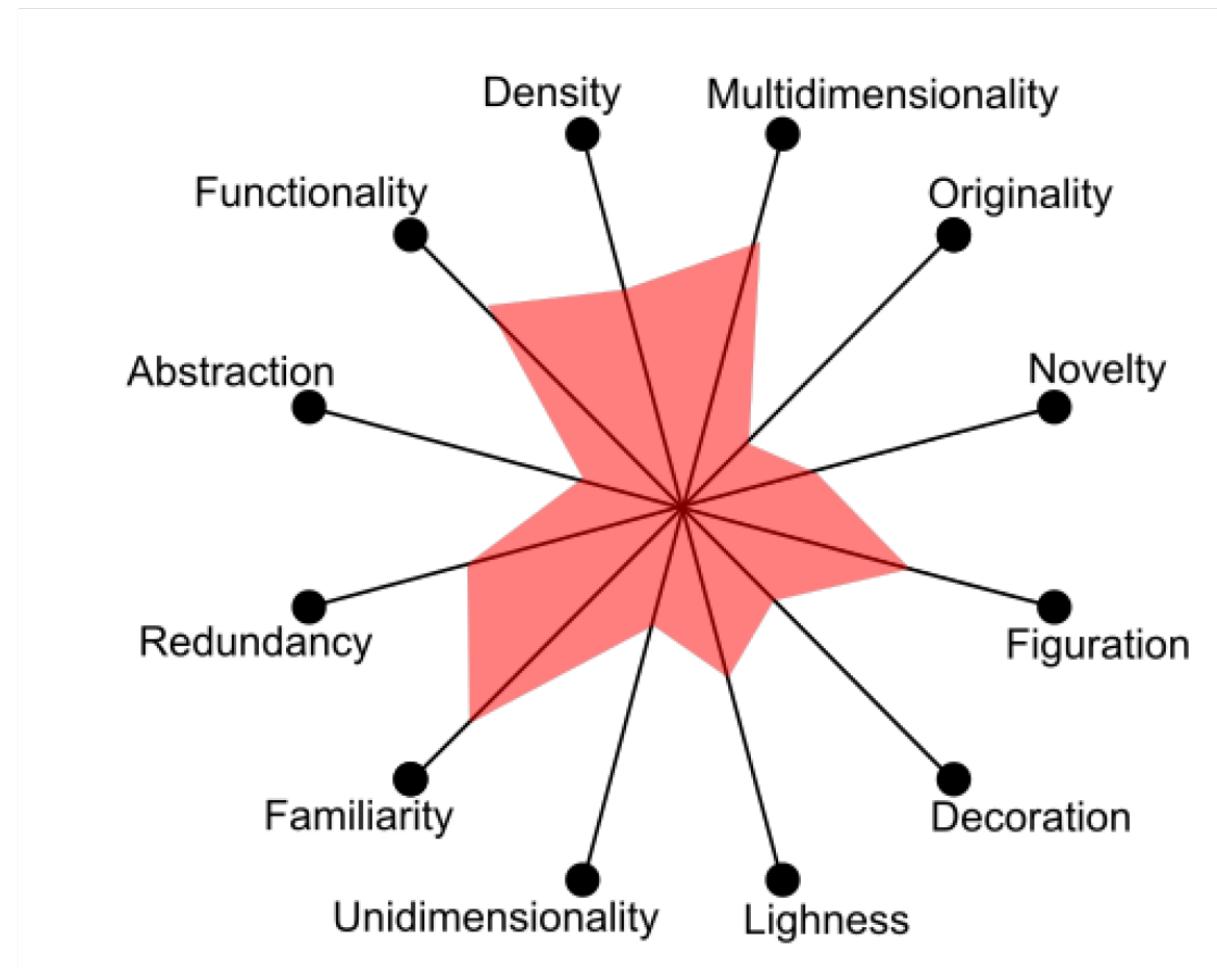
- Reviewed Dataset**: Indicated by a circular icon with a checkmark.
- Title**: **Where it Pays to Attend College**
Salaries by college, region, and academic major
- Source**: The Wall Street Journal • last updated 7 months ago
- File Count**: 195
- File Details**:
 - 3 Files (72.48 KB)
 - degrees-that-pay-back.csv**: 5.06 KB • Updated 7 months ago. Includes a **Download** button.
 - salaries-by-colle...**
 - salaries-by-regio...**
- Actions**: **Download All** button.
- Preview**: Shows the first 100 rows of the **degrees-that-pay-back.csv** file. The columns are:

Undergraduate Major	Starting Median Salary	Mid-Career Median Salary	Percent change from	Mid-Career 10th Percentile	Mid-Career 25th Percentile	Mid-Career 75th Percentile	Mid-Career 90th Percentile
Accounting	\$46,000.00	\$77,100.00	67.6	\$42,200.00	\$56,100.00	\$108,000.00	\$152,000.00
Aerospace Engineering	\$57,700.00	\$101,000.00	75	\$64,300.00	\$82,100.00	\$127,000.00	\$161,000.00
Agriculture	\$42,600.00	\$71,900.00	68.8	\$36,300.00	\$52,100.00	\$96,300.00	\$150,000.00
Anthropology	\$36,800.00	\$61,500.00	67.1	\$33,800.00	\$45,500.00	\$89,300.00	\$138,000.00
Architecture	\$41,600.00	\$76,800.00	84.6	\$50,600.00	\$62,200.00	\$97,000.00	\$136,000.00
Art History	\$35,800.00	\$64,900.00	81.3	\$28,800.00	\$42,200.00	\$87,400.00	\$125,000.00
Biology	\$38,800.00	\$61,800.00	67	\$26,900.00	\$47,400.00	\$94,500.00	\$135,000.00

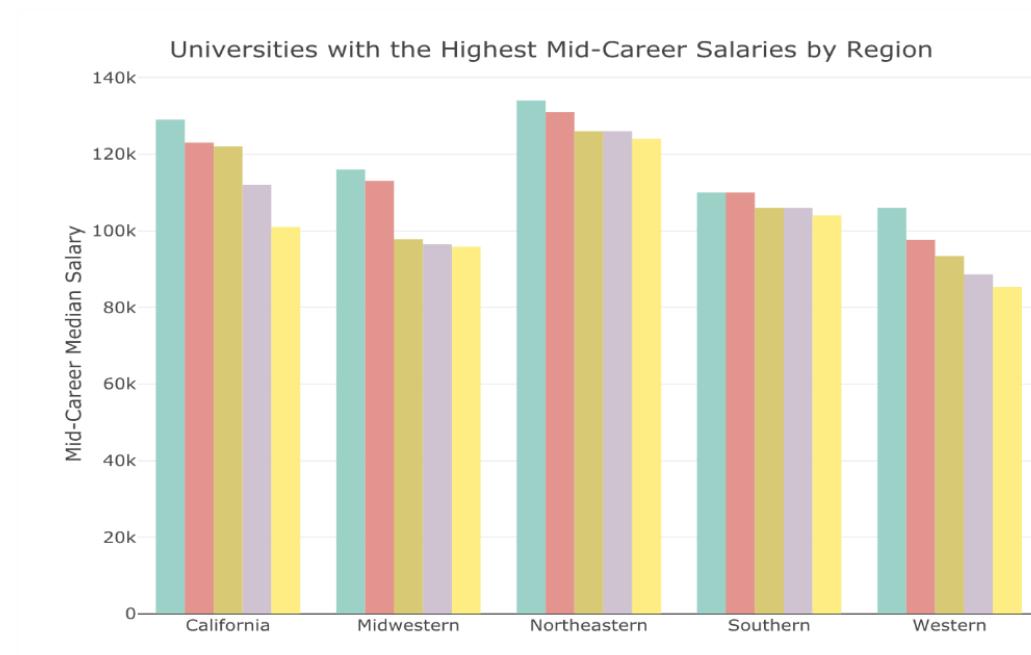
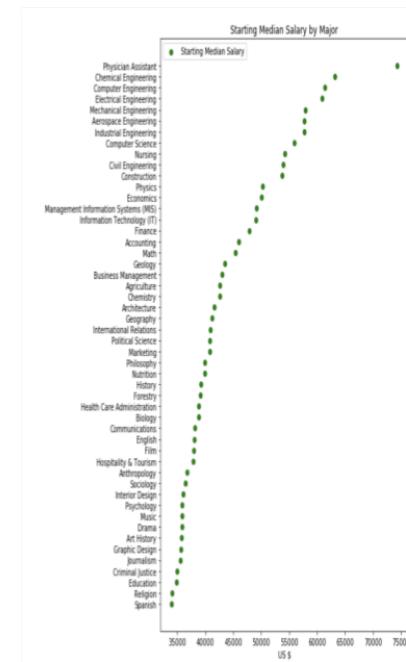
Design



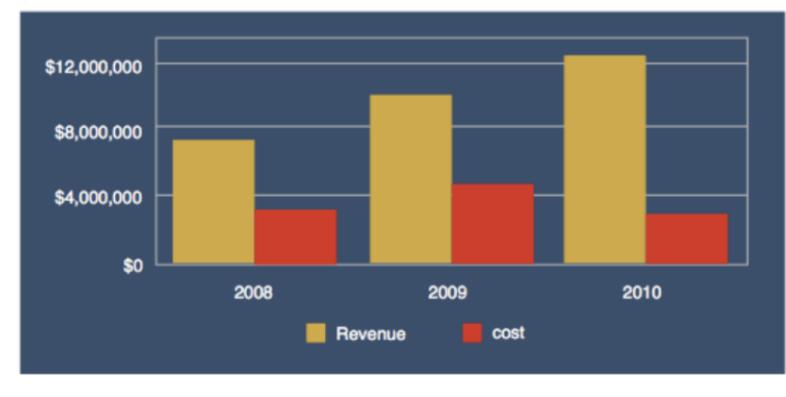
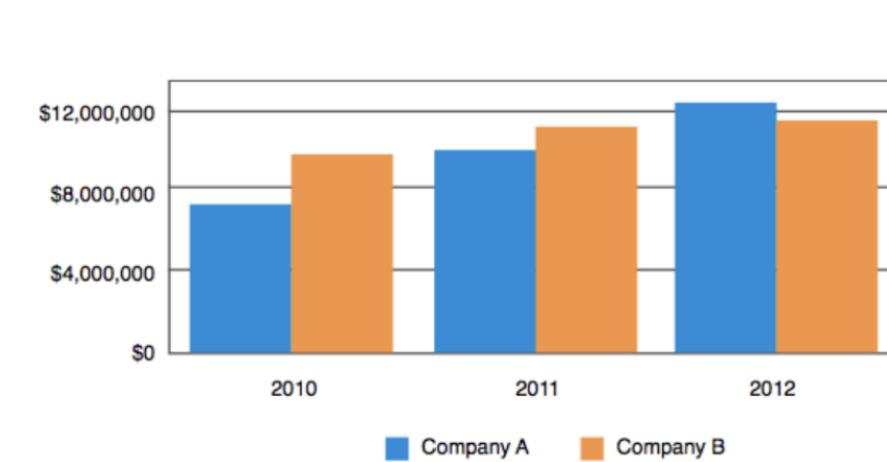
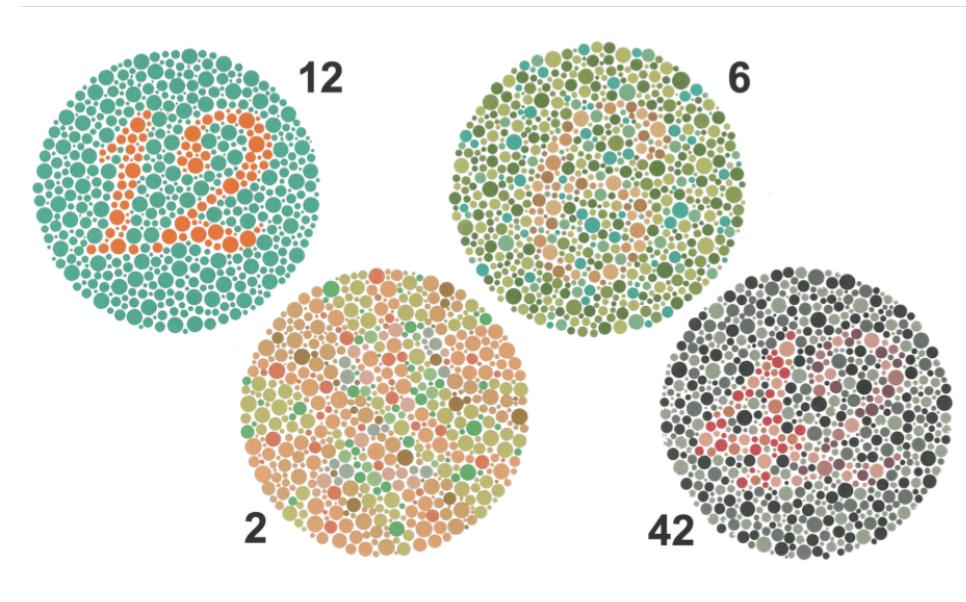
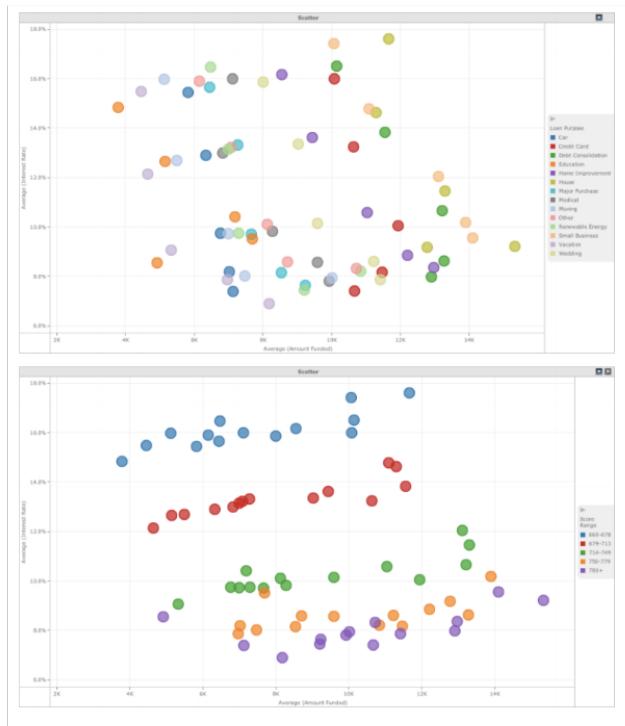
Visualization wheel



Related Work

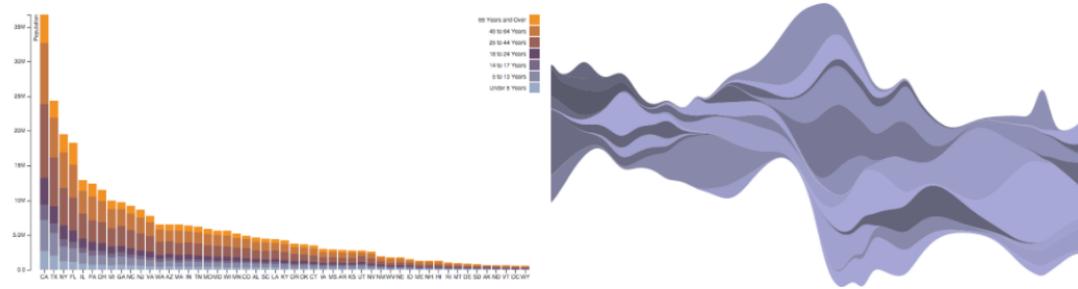


Considerations



Layout

Stacks



Some shape types can be stacked, placing one shape adjacent to another. For example, a bar chart of monthly sales might be broken down into a multi-series bar chart by product category, stacking bars vertically. This is equivalent to subdividing a bar chart by an ordinal dimension (such as product category) and applying a color encoding.

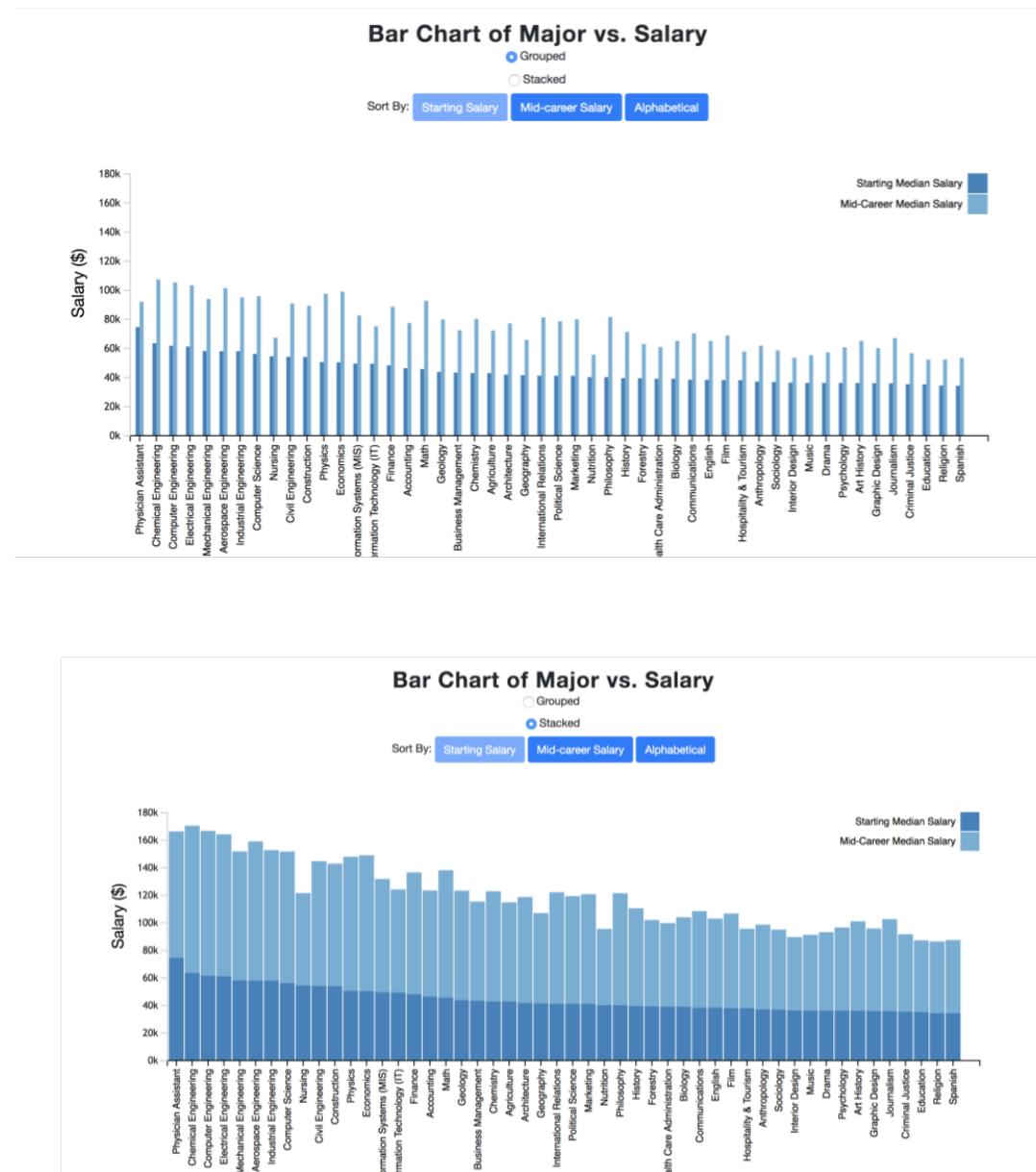
Stacked charts can show overall value and per-category value simultaneously; however, it is typically harder to compare across categories, as only the bottom layer of the stack is aligned. So, chose the [stack order](#) carefully, and consider a [streamgraph](#). (See also [grouped charts](#).)

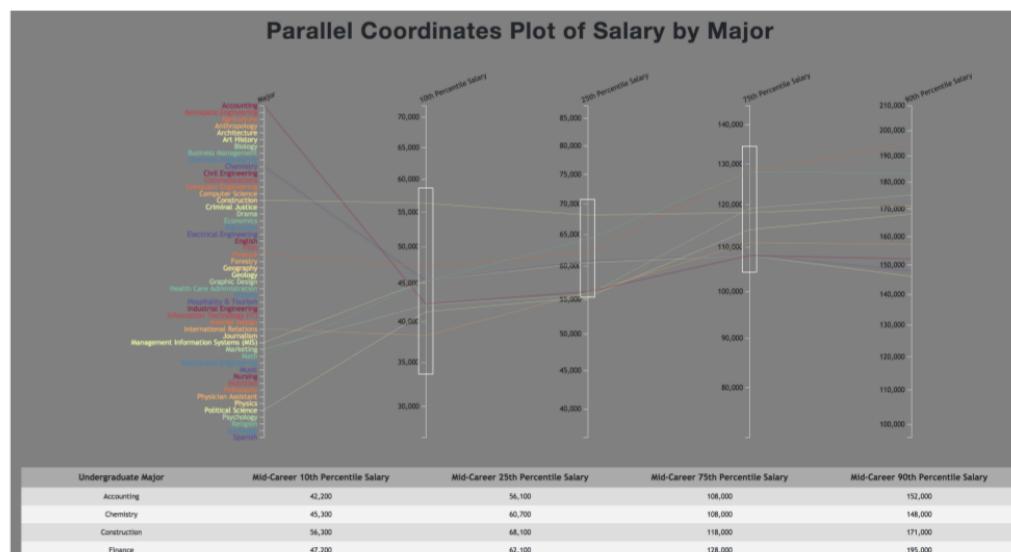
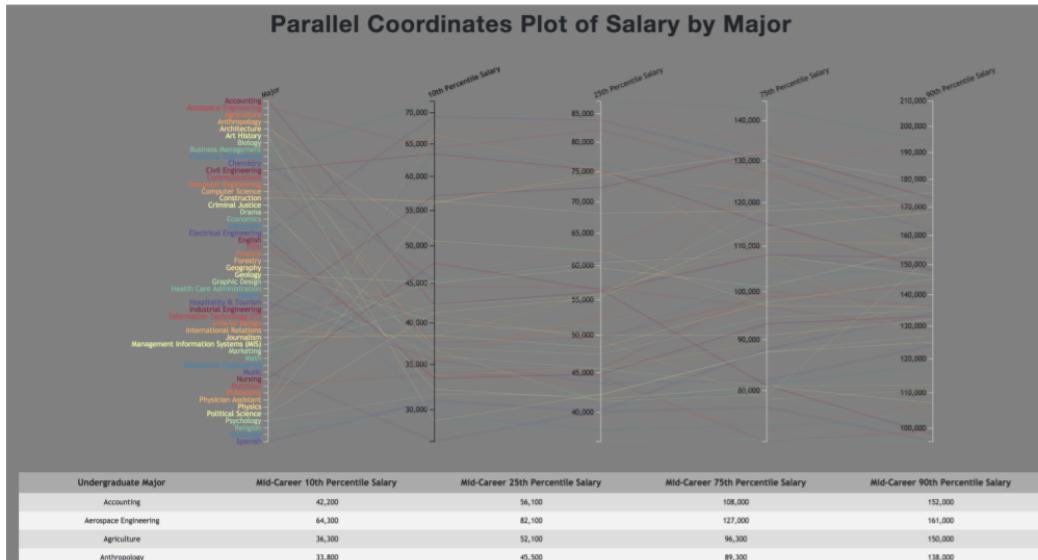
Like the [pie generator](#), the stack generator does not produce a shape directly. Instead it computes positions which you can then pass to an [area generator](#) or use directly, say to position bars.

```
# d3.stack() <>
```

Constructs a new stack generator with the default settings.

```
# stack(data[, arguments...]) <>
```

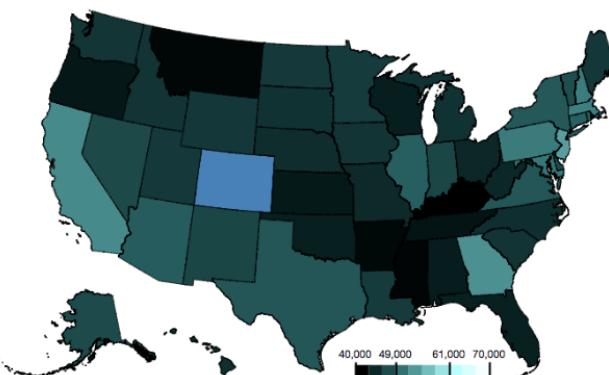




Choropleth Map of Salary Ranks

Group By: State

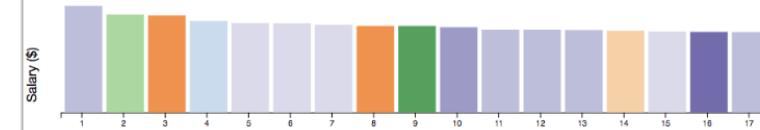
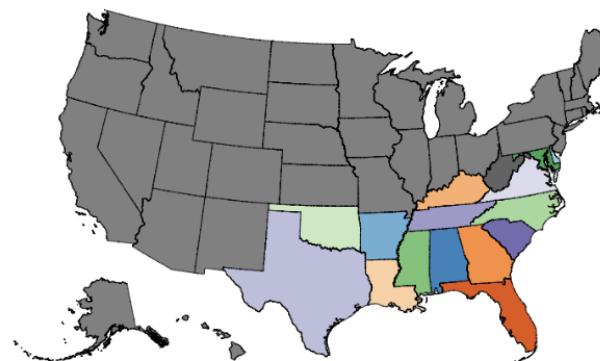
Region



Choropleth Map of Salary Ranks

Group By: State

Region



<http://www-scf.usc.edu/~longfeil/weloveinfc>