



Visualization: Tips

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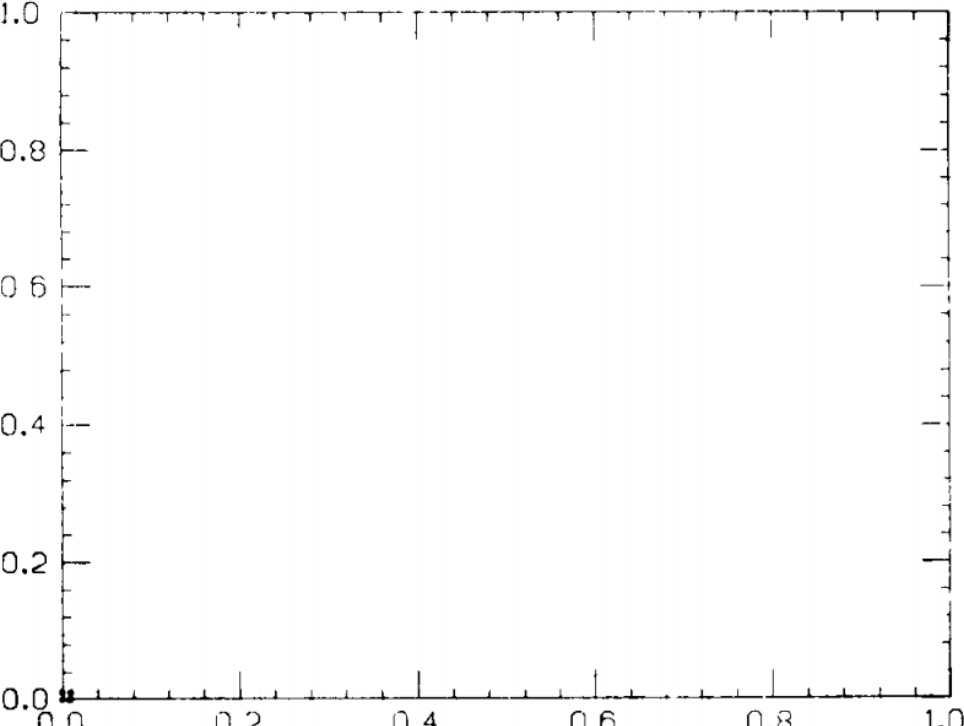
FEBRUARY 11, 2018

Tips

- Avoid clutter
- Organize logically, not arbitrarily
- Encourage / enable comparisons
- Don't overload with variables
- Overplotting

Tips

- Avoid clutter
- Organize logically, not arbitrarily
- Encourage / enable comparisons
- Don't overload with variables
- Overplotting
- Examples of what not to do



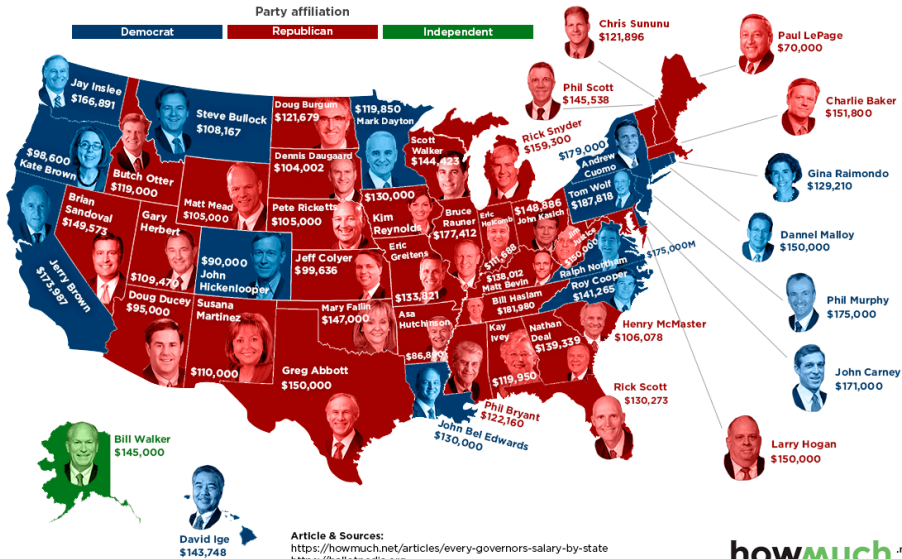
Every Governor's Salary by State

Party affiliation

Democrat

Republican

Independent



Article & Sources:
<https://howmuch.net/articles/every-governors-salary-by-state>
<https://ballotpedia.org>

howmuch.net

Reflect data

U.S. trade with China and Taiwan

(in millions of U S dollars)

3,000

2,000

1,000

U S exports
to China

U S imports
from China

1972 1974 1976 1978 1980

(in millions of U S dollars)

6,000

4,000

2,000

U S imports
from Taiwan

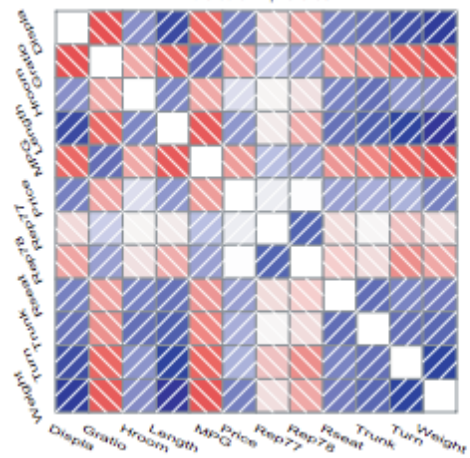
U S exports
to Taiwan

1970 1972 1974 1976 1978 1980

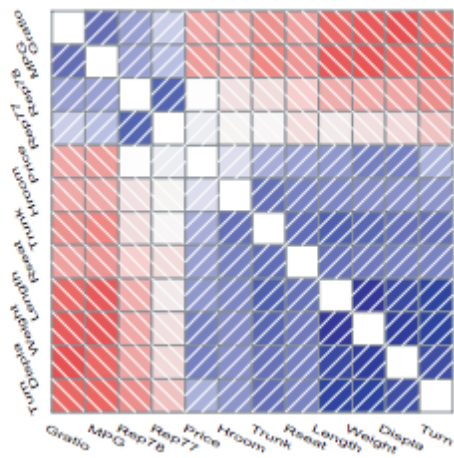
Source: Department of Commerce

Enable comparisons

Auto data: Alpha order



Auto data: PC2/1 order



Order sensibly

Wrap Up

- Cleanup
- Explore
- Model
- Copy
- Explain