

# Vis-a-Vis

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A large blue diagonal graphic that starts from the top right corner and extends towards the bottom left, creating a sharp split in the background.

# PROBLEM STATEMENT



*I want to know more about the starting salaries of UMSI students. How do these salaries compare across geographic locations and industries? And where do students actually head?*



**325 entries**

Collected over 5 years



**21 industries**

Such as “Technology,” “Library,” or “Healthcare”



**7 regions, 33 states**

+5 international countries



# Our Solution

2 Bipartite Visualizations:

- ▶ Filtering
- ▶ Brushing and Linking

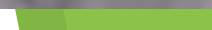


# Demo

<http://www.ayshwarya.com/DataViz/CDOVisualization.html>



# Design Decisions



Why a bipartite visualization?

Why not include a map?

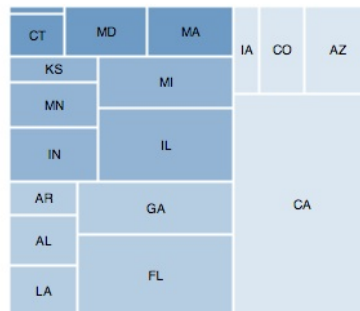
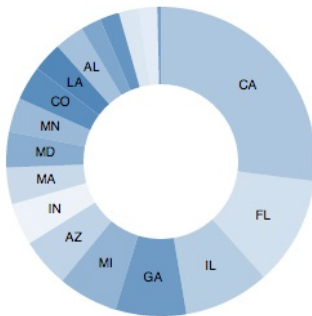
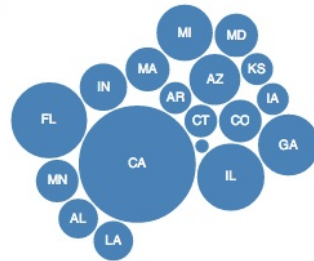
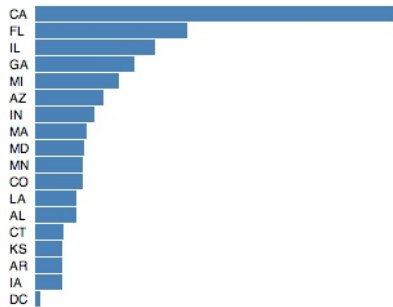
Why include a range and medians of salaries?

Why use filtering and brushing/linking?

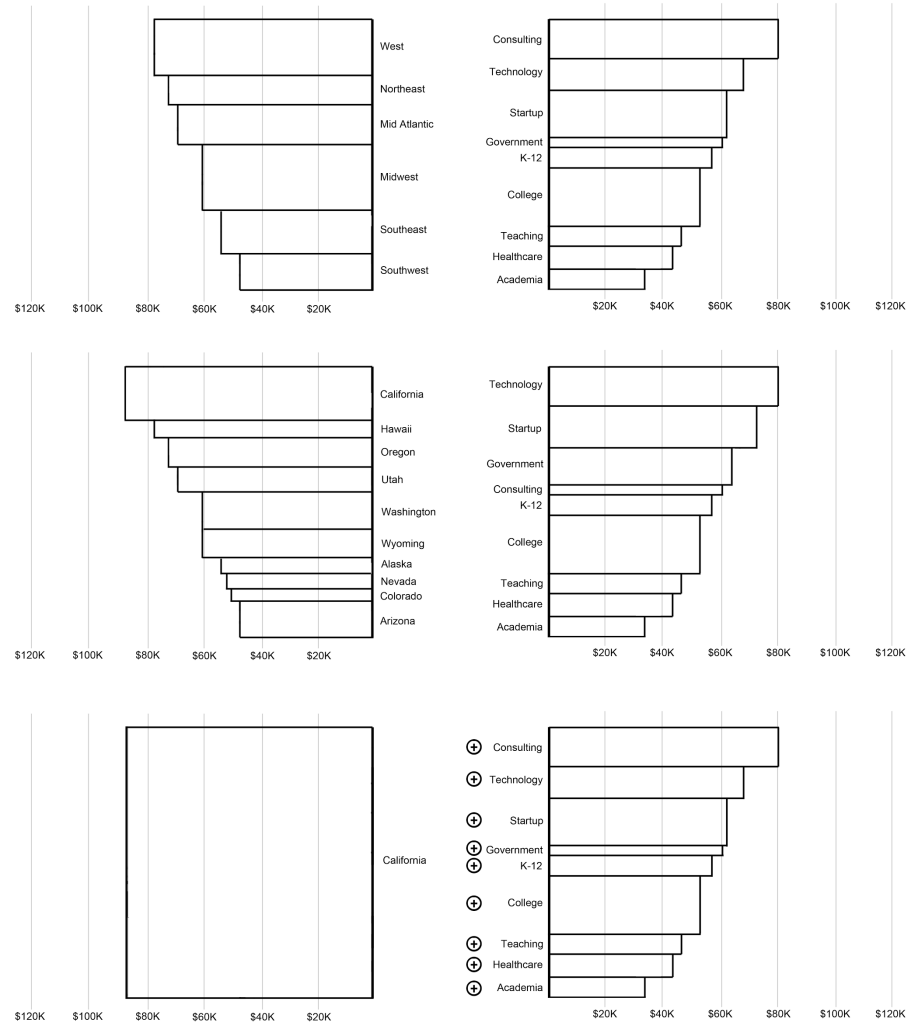
Why use 2 visualizations?



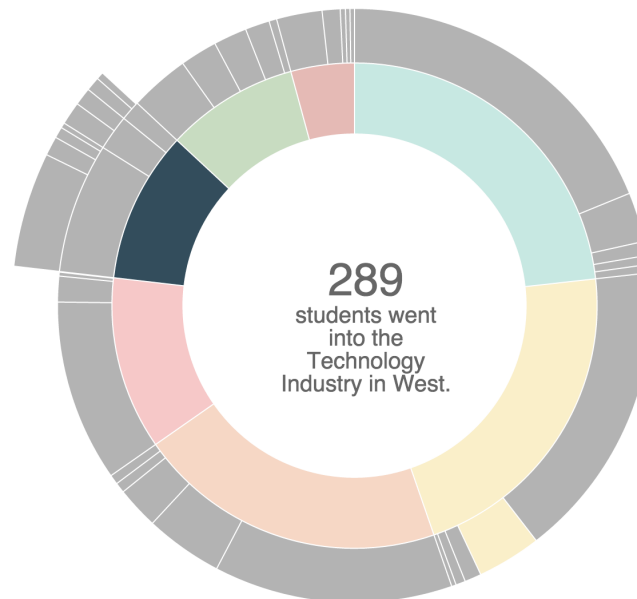
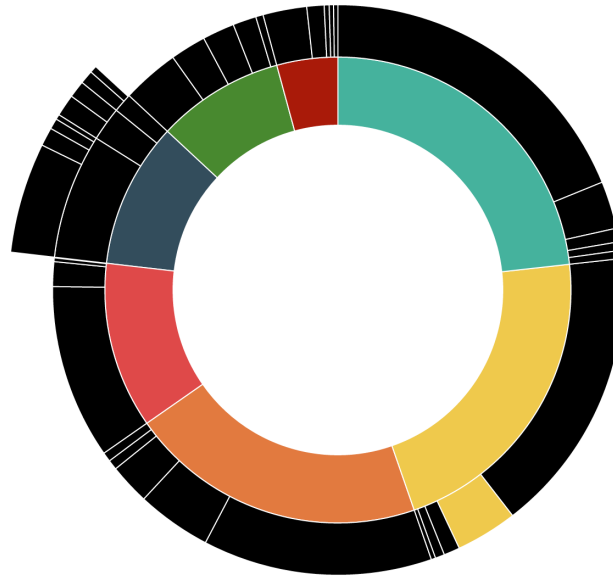
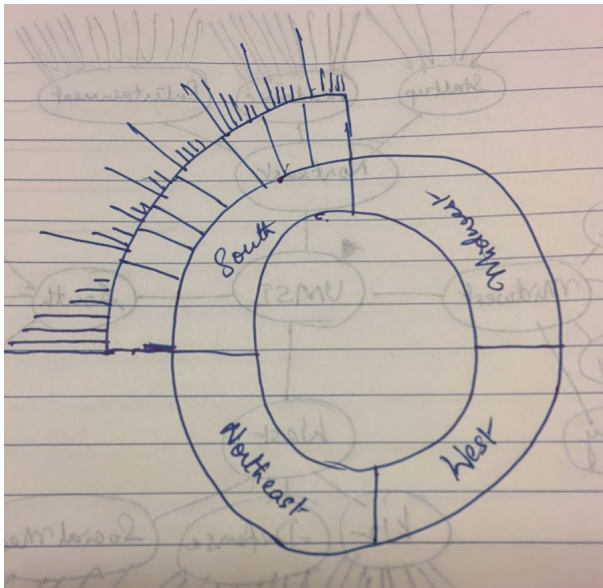
# Design Alternatives



# Bipartite (Original)

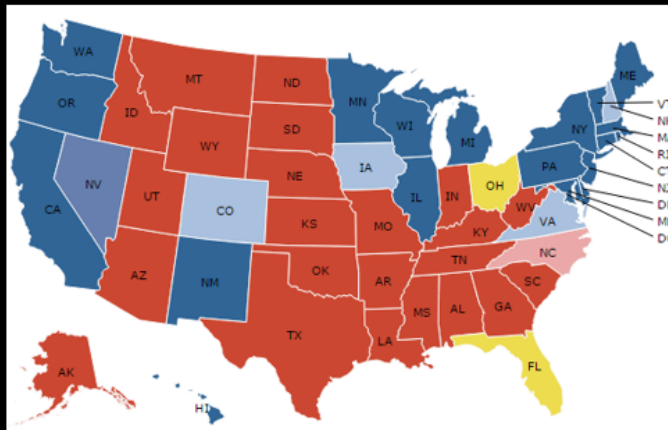


# Sunburst



# Maps







-  Region
-  State
-  City

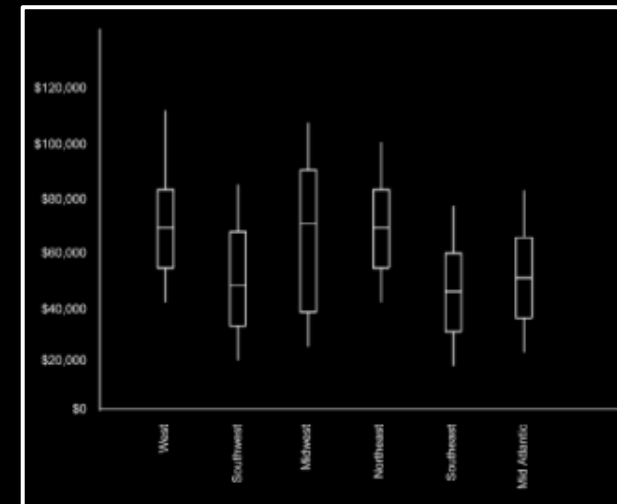


Year

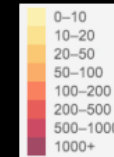
- 2010
- 2011
- 2012
- 2013
- 2014
- 2015

Industry Type

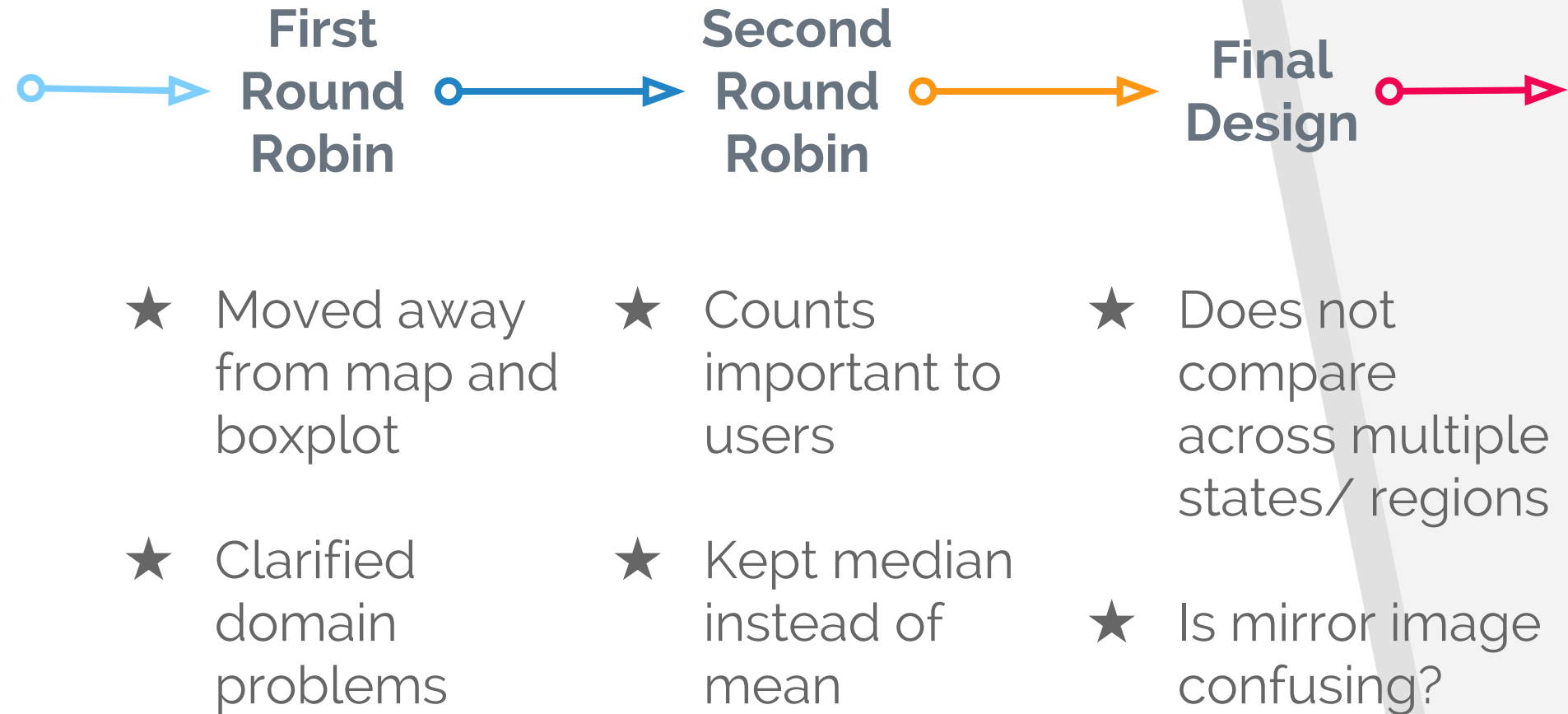
-  Type 1
-  Type 2
-  Type 3
-  Type 4
-  Type 5
-  Type 6



Annual Salary Range



# Design Evaluations and Improvements



**Thanks!**

**Any questions?**