

# Ideate



# 2D

goal: generate good concepts and ideas for supporting some of the project's design requirements

artifacts: ideas & sketches

generate

## 1) select a design requirement

how might we address the challenge using the requirement? which questions would a user ask? revisit this worksheet for each important design requirement.

- Simple - no gradients, fewer buttons visible
- Interactivity - hover + pop-up, double-click, right click (w/o too much complication)
- Performance - backend design + language choice for data processing
- Additional info - preprocess data, create new database

!! revisit this worksheet for all important design requirements for your project

## 2) sketch first idea

show how to address this requirement using an informal sketch - focus on the big idea not the details.

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## 3) sketch another idea

try another sketch, think of a new perspective, be different, do not build off of your previous sketch.

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## 4) sketch a final idea

think of a different abstraction, challenge constraints and assumptions to draw something new or surprising.

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!! Is three enough? not always, have other ideas? fill out another worksheet!

## 5) compare and relate your ideas

evaluate

for each sketch, break apart what works well (+) and what doesn't (-) in the table below. make connections, reflect on best parts. can you combine ideas? review the table with a partner or group.

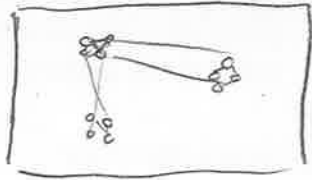
sketch #1	sketch #2	sketch #3
<ul style="list-style-type: none"> <li>+ 2 views</li> <li>+ Analyze specific sources</li> <li>- Performance difficulty with loading lots of data</li> <li>- Many combinations of two articles, difficulty in choosing data subset</li> </ul>	<ul style="list-style-type: none"> <li>+ single view is simpler</li> <li>- Requires merging data from another source for news source info</li> <li>+ Easy to select subsets</li> </ul>	<ul style="list-style-type: none"> <li>- Requires difficult data merging</li> <li>+ Easy searching by specific source</li> </ul>

!! combining ideas and sketches is not easy, sometimes it may open up new possibilities and ideas - guess what, ideate again!



# I-2D-2

← slider



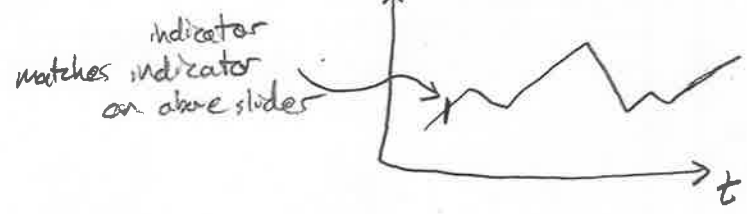
← frame changes over time w/ slider

Nodes: Sources

Edge weights:

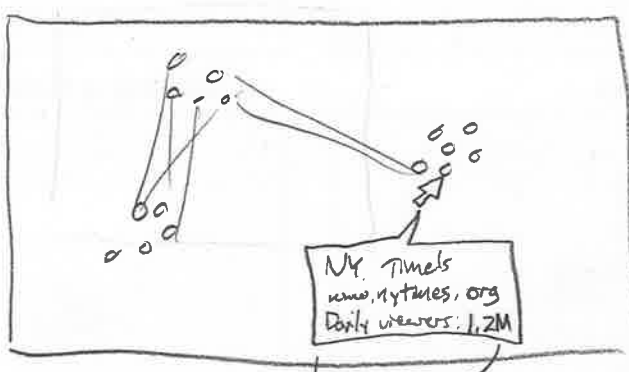
- # of articles sources have in common
- Sentiment analysis of event mentions

Relationship btwn. 2 nodes



# I-2D-3

Node/edge weight:  
see I-2D-2



Source info on hover

Organize based on:

- ☐ Religion
- ☐ Article Length
- ☒ Geography
- ☐ Event Impact

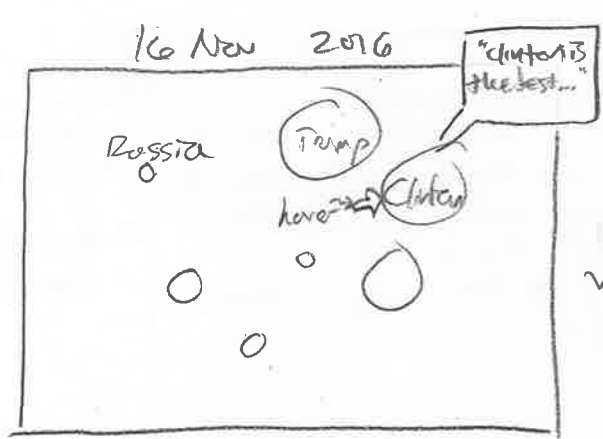
Display:

- ☐ Africa
- ☒ Europe
- ☒ N.A.
- ☐ S. A.
- ☒ Asia
- ☐ Aust.

Radio buttons

# I-2D-4

(Predefined set of ~1000 keywords)



← Source quotes on hover

Node: Keyword

Node Color = Sentiment Analysis  
Node Size = # of sources

- Region:  ☒ Africa  
☒ Asia  
...  
☒ N.A.
- Viewership:  ☒ Small (<1M)  
☒ Med (1-2M)  
☒ Large (>2M)
- Source:  ☒ BBC  
☒ Independent  
☒ Daily Telegraph