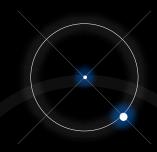
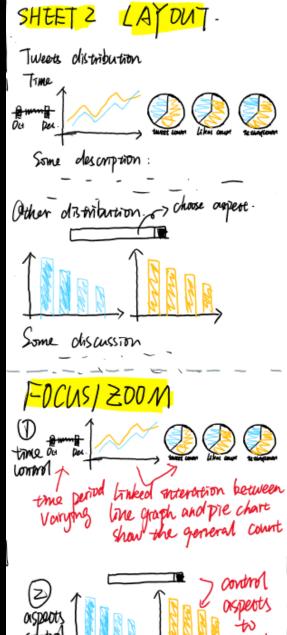


- IDEAS
- FILTER
- CATEGORIZE
- COMBINE & REFINE



- LAYOUT
- FOCUS/ZOOM
- **OPERATIONS**
- **DISCUSSION**



lītle: 5/47 VKulizarion project Author: Yue Zhang Date: 16/05/2021 Sheet: 2 Task: tweets distribution in time or other expects

OPERATIONS.

O the time line chart can be control by user to change the

12 When time period changes. the three pie charts will

3) the select bor will let user to almose the otstribution aspect they want to see, the bar chart will change.

DISCUSSION

TVE Duser can view changes on different time

2 Some milhor asports is combined in one section

-VE Olack of vonious kinds of usubiation charts

Ø Some −time osperts like hour weekday 73 combined in other aspects, not in time

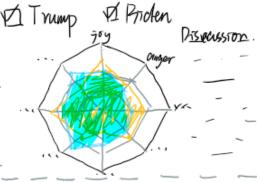
- LAYOUT
- FOCUS/ZOOM
- **OPERATIONS**
- **DISCUSSION**

Word mide tweets.





Sentiment maide tweets.



FOCUS/ZDOM



focus on word view

. I Trump of Broden -> Switch View

focus on sentiment

Tide: 5/47 Usulización project Author: Yue Zhang Done: 16/05/2021 Sheet: 3 Task: Words | sentiments jusicle tweets

OPERATIONS.

1 Both two charts have hants (number of the count) whe hover.

@ check box control she figures that show on the Tadar chart.

DISCUSSION

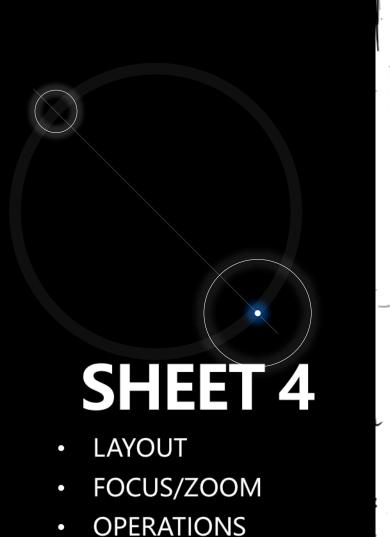
TVE: 10 word cloud clearly shows the word exploration

② user can switch views by operations.

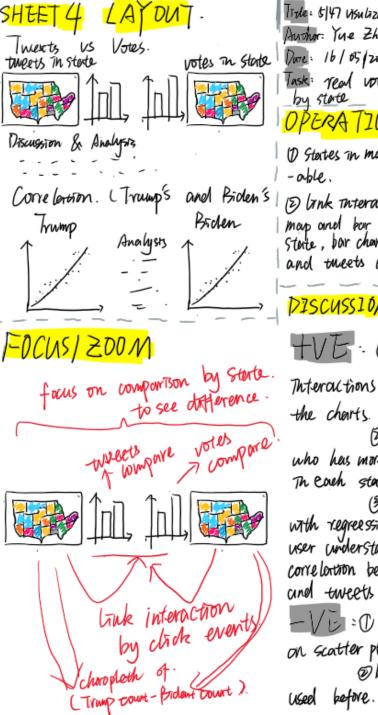
TVB: O. This powe does not has various interactions for user.

12 only three. charts in this severon.

Breed deeper. analysis in sentiment



DISCUSSION



līde: 5/47 Usulización project Author: The Zhang Dure: 16/05/2021 Sheet: 4 lask: real votes us twents OPERATIONS.

10 States in maps are click--able.

12 link interaction between map and boy chart, when chock State, bor chart will show note and theets comparision.

DISCUSSION

TVE: 0 different

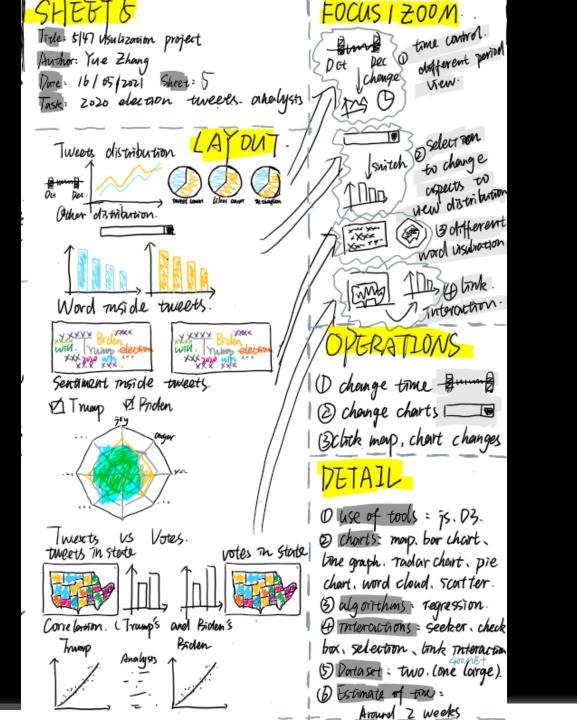
Thteractions Used to show the charts.

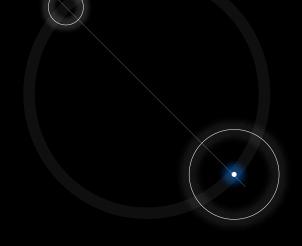
D clearly shows who has more tweets votes The each state.

(3) scotter plot with regreession can help user understanding the correlation between votes and tweets

-V > 0 No Interaction on scatter plot.

Dobar chart has.





- LAYOUT
- FOCUS/ZOOM
- OPERATIONS
- DETAIL