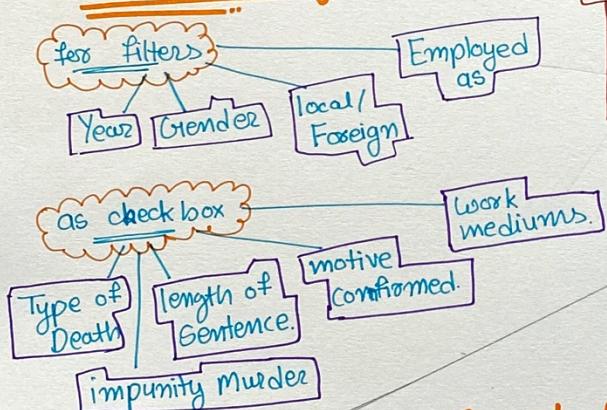


## SHEET.1

### IDEAS

- Count of journalist killed /imprisoned by country.
- in which organisation they were working.
- what all kind of charges they have.
- were they local or Foreign?
- list of ~~imprisoned~~ imprisoned journalists in prisons by each country.
- what type of coverage they were doing?
- what their job was?
- were they tortured or threatened?
- How they got killed?
- were their motive confirmed?
- How long they have been sentenced?
- The number of journalists killed /imprisoned from 1992 to 2020.
- were they captive in prison before murder?

### Observed Categories



Note :- few attributes has many values/ categories, which might requires data cleaning

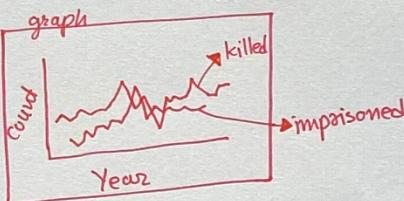
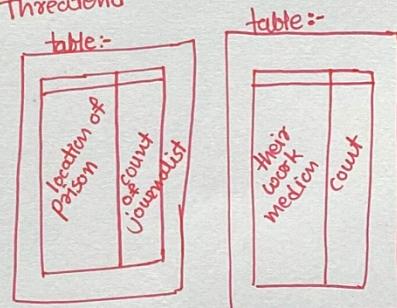
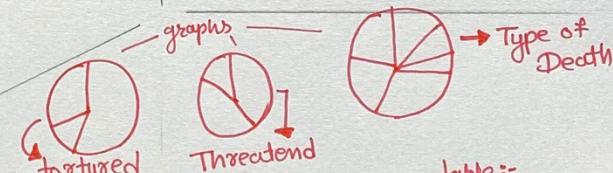
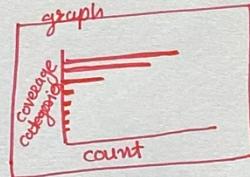
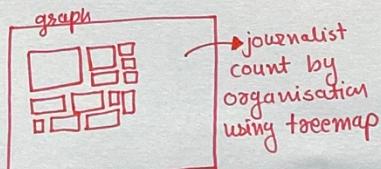
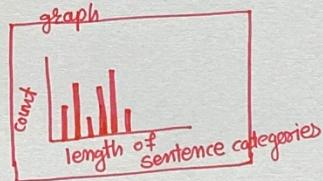
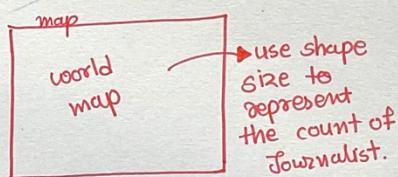
Note: check for nulls & Duplicate values

### Attributes

attributes which can be used from given dataset.

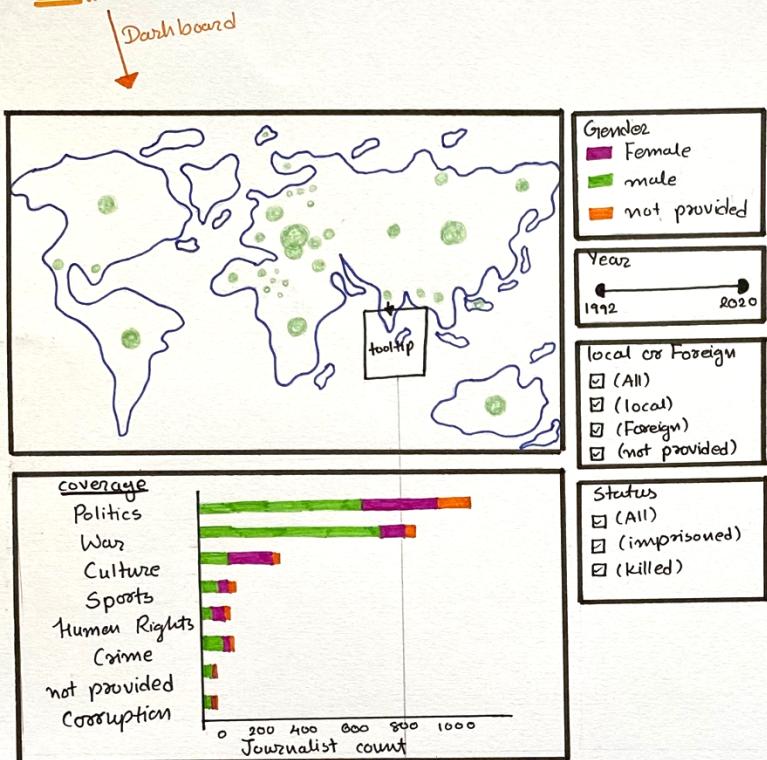
- Year
- gender
- length of Sentence
- Status(killed /imprisoned)
- Type of death
- Employed as (Staff /Freelance)
- work mediums
- coverage
- Charges
- Country
  - State
  - region
  - province
  - location
- tortured
- threatened
- captive
- local / Foreign
- job
- motive confirmed
- Organisation
- location imprisoned

### Graphs/Map/tables



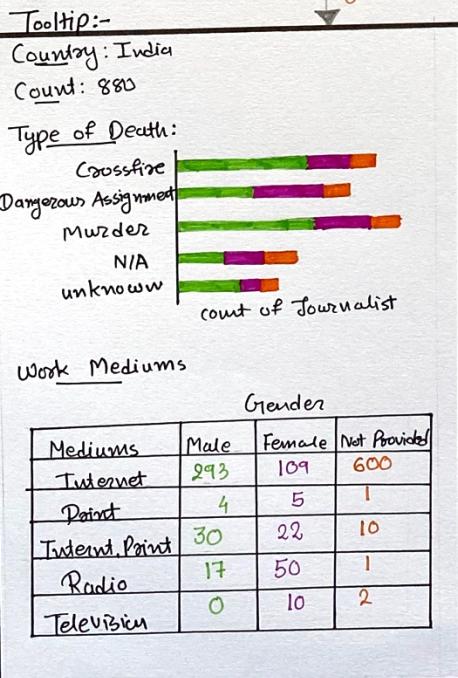
## SHEET 2

### LAYOUT:



### Focus:

→ on hover over any country



Title : CS5044 - P1

Author:

Date : 17<sup>th</sup> Feb 2021

Sheet No: 2

Tasks: Interactive Visualisation

### Operations:

- By Selectiong /Clicking on any country, the graph of coverage will change.
- The table of count by locations of prisons in country should only show by hover over on any country as tooltip.
- filter 'year', 'local / Foreign' and 'status' should apply to both graph.
- The coverage graph will also work as filter.

### Discussion

#### → "Advantages":

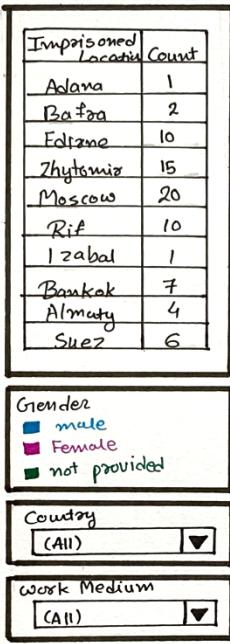
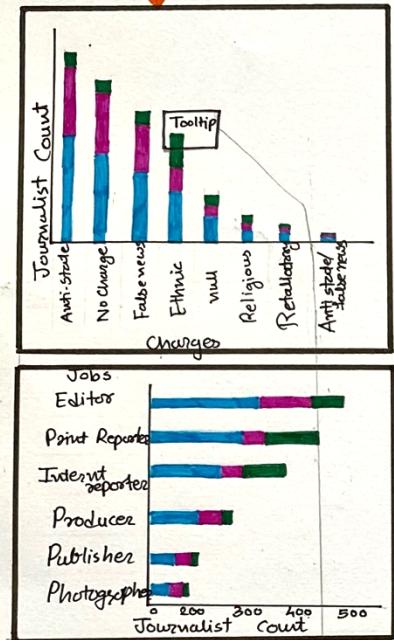
- filter of 'Year' & 'local/Foreign' will help user to look at specific info which they might wants to look at.
- tooltip will help user to look at Type of death and their work mediums for particular country.

#### → "Disadvantages":

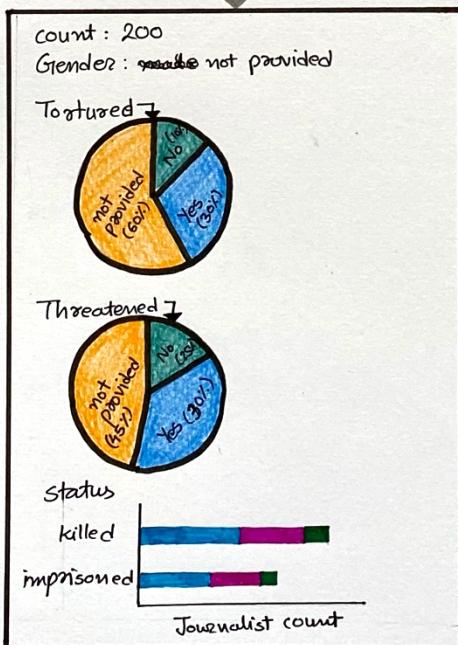
- The work Mediums table in tooltip might get cut down if information is too large for a screen.
- Instead of table, the work of Mediums can be represented as graph. But that might makes it hard for user to look for particular bar clearly.
- Gender attributes have nulls(not provided).

## SHEET 3

### LAYOUT:



### Focus:



### Operations:

- The filters will be multiple checkbox dropdown, so that user can select multiple values at same time.
- the 'Country' and 'Work medium' filter will change Both graphs and table.
- Both graphs only will work as filter by clicking on bar of the graph.
- The 'Charges' graph will show tooltip by hover over any bar of graph.

### Discussion:

#### → "Advantages"

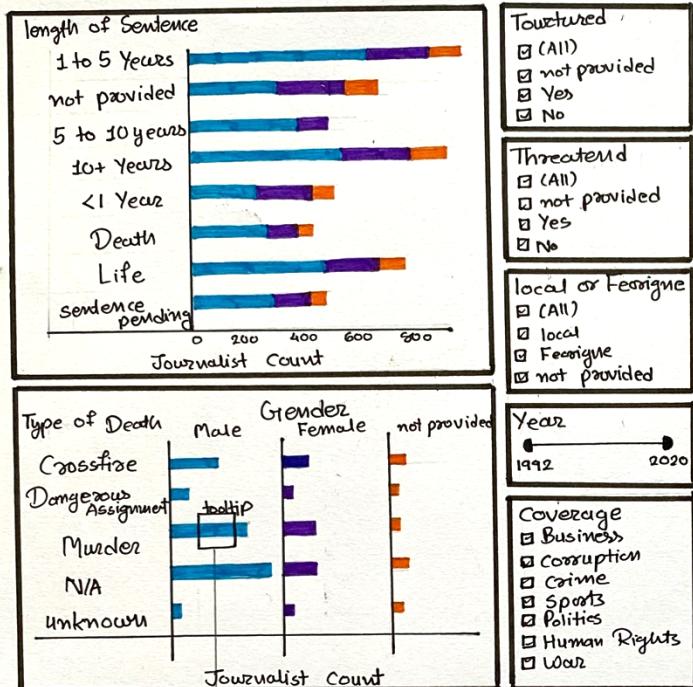
- By selecting any country, the user will easily be able to see the list of all prisons located in that country. Also if list is too large, the panel will become scrollable.
- User can easily check the percentage of Journalist being tortured or Threatend by different charges.

#### → "Disadvantages"

- table will not work as filter
- country drop down will have many values for user to select.
- undo the filters from dropdown will be difficult.
- The 'tortured' and 'threatened' attributes has many nulls.

## SHEET 4

### LAYOUT:



Title: CS5044 - P1

Author:

Date: 21<sup>st</sup> Feb 2021

Sheet No: 4

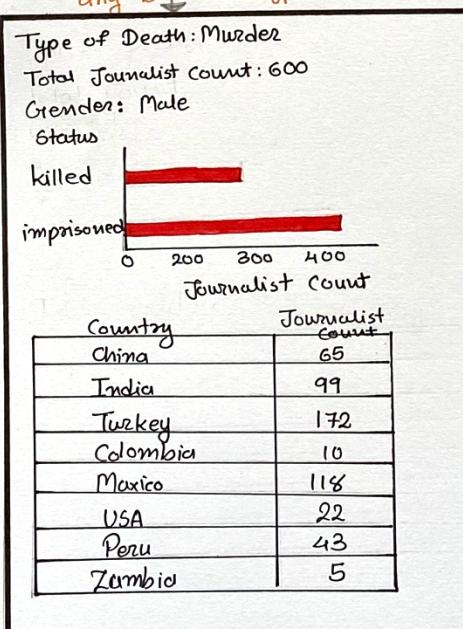
Tasks: Interactive Visualisation

### Operation:

- Other than the provided filters, the graph of 'length of Sentence' will work as filter. So that user can explore the 'type of Death' by Gender for particular length of Sentence.
- user can explore the 'length of sentence' and 'Type of Death' for Decades or even a single Year by filtering by 'Year'. Which will apply to both graph.
- The Second graph('Type of Death') Should show tooltip.
- Tooltip should have Journalist count by 'Status' and 'Country'.

### FOCUS:

Tooltip when user hover over on any bar of 'Type of Death' Graph



### Discussion:

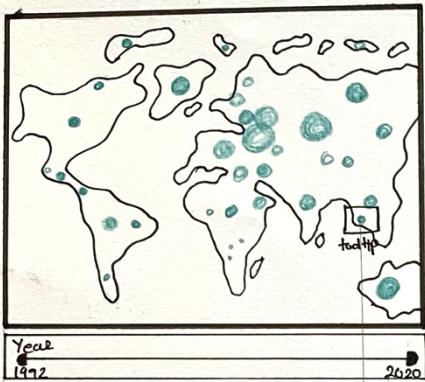
- "Advantages":
- Tooltip will help user to see the count of Journalist(killed/Imprisoned) before their death.
  - filter(tortured and threatened) will help to explore the Journalist count after their death, ex how many Journalist were being tortured in which country before they got Murder.

→ "Disadvantages":

- The second graph will ~~not~~ not work as filter.
- The coverage filter will have scroll bar, which might be difficult to undo filters.
- The 'type of death' columns have nulls.

## SHEET 5

### LAYOUT



Reset filters

employed as	Count
(All)	18
null	142
Freelance	80
Staff	12

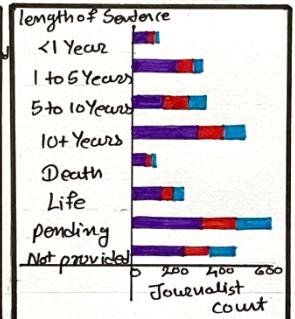
Coverage	Count
Business	18
Corruption	142
Crime	80
Sports	12
War	71
Culture	60
2 or more above	3049

Status	Count
(All)	18
killed	12
imprisoned	80

Gender	Count
(All)	18
(Male)	12
(Female)	80
(Not provided)	12

Status	Captive	type of Death	Gender		not provided
			Female	male	
imprisoned	N/A	N/A			
killed	not provided	Crossfire			
		Unknown			
		N/A			
	No	Murder			
	Yes	Murder			

Journalist count



### FOCUS

Country: Thailand  
Total Journalist: 55

Tortured	Gender	Count
No	Male	33
	Female	12
not Provided	Male	10
	not provided	3

Journalist count

Threatened	Gender	Count
Yes	Male	33
No	Male	12
	Female	3

Journalist count

Impisoned in	Gender	Count
Not provided	Male	33
	Not Provided	3
Bangkok	Male	12
Wang Saphung	Male	7

Title: CS5044- P1

Author: .

Date: 21<sup>st</sup> Feb 2021

Sheet No: 5

Tasks: Interactive Visualisation

### Operation:

- The count of Journalist will represent as shape size in Map. which can be zoomed in/out.
- By hover over any country the tooltip will be shown.
- all 2 graphs, one Map and table will get filter by selecting any filter provided.
- Selecting any country will also work as filter. and will change the Details in other 2 graphs and a table.
- The 'reset filter' will ~~filter~~ reset the all selections, including graph(Map).
- The tooltip will show the count of Journalist being tortured and threatened, also the count for each prison located in particular country.

### Details:

#### Dependencies:

- for Data Cleaning: Excel (Microsoft)
- for Interactive visualisation: Tableau Desktop.

#### time to built:

- 2 Days for data Cleaning
- 3 Days to built the graphs and Formating the Dashboard.

#### Materials:

- Book: Five Design Sheets by Jonathon C. Roberts, Christopher J. Headleand, Panagiotis D. Ritsos.
- Book: Visualisation Analysis and Design by Tamara Munzner.