

Data Viz for social good Hackathon Deck

cc-by-sa The Bachchao Project

Few rules to follow as participants

- Be nice to one another
- Do not make offensive remarks/ share offensive material
- Discuss respectfully
- Don't share private information / photos without consent
- Collaborate > Competition

Example Schedule

Day 1

10 am – 10:30 am Introduction and Pitching

10:30 am - 1 pm Team formation and Initial Discussions

1pm – 1:45pm Lunch

1:45 pm – 2 pm Status Sharing and Interventions

2 pm – 5pm Initial Designs and Implementation

5pm – 5:30 Status Sharing and Interventions

Day 2

10 am – 10:30 am - discussion with mentors

10:30 am – 1 pm - Work in Groups

1pm -2 pm Lunch

2pm – 3:15 pm – Work in Groups

3:15 – 4:15 pm Presentations

Examples of social data viz done right

<http://howindialives.com/views/basicsearch.php>

<http://www.theguardian.com/us-news/ng-interactive/2015/jun/01/the-counted-police-killings-us-database>

<http://projects.nytimes.com/crime/homicides/map>

<https://www.mapbox.com/blog/streets-and-gender/>

<http://fieldmaps.in/fxbmap/>

<http://www.informationisbeautiful.net/visualizations/gender-pay-gap-uk/>

What are the Data Sets we are working on ?

Sample Ready to use Tools

- Carto DB
- Timeline JS
- GeoCommons
- Thejit.org
- Mapping Tools
 - Map Box
 - Umap

Coding Tools

- Chart tools - google
- D3.js
- Chart JS
- Tabula (for pdf to text conversion)
- Mapping Tools
 - Leaflet

Things to take care of ..

Do you have to redact data?

- Aggregate data at different levels.

Make sure the data actually represents the comparison in the true form

- Aggregate and quantify using statistics.

Be true to the data.

- Stay away from assumptions
- Infographics are propositions
- If your data is updated, either ensure that your visualisations are updated too, or make it clear that they won't be.

Taken from responsible data visualisation by RDF

Suggested Reading

https://wiki.responsibledata.io/Responsible_visualization

<https://responsibledata.io/data-vizualisation-links-and-articles/>