

SHEET-2

Layout



Each circle represents a year



Focus



Title: BP MAP

Authors: Heena, Geeta, Manish

Date: 2nd Apr. Sheet: 2

Tasks: BP trend Countrywise over the years 1980-2008

Operations

- Select year in the layout to view the annual avg. BP per country.
- Click on one bubble to view that particular country's trend over the years 1980-2008.
- Green Line - diastolic BP.
- Red Line - Systolic BP.
- Circles in the map overlap if the BP trend is constant over the years.

Details

- Easy to view year-wise trend for all countries.
- Detailed view of country wise trend.

SHEET-3

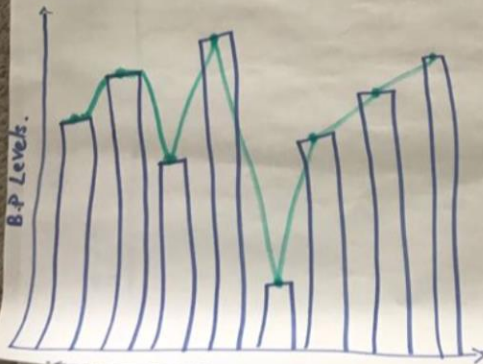
Top 10
Rank By Low BP
Rank By High BP

Layout

Countries	Low BP	High BP	Physical Activity	No. of children	Salt intake
India	Red	Red	Red	Red	Red
USA	Green	Red	Green	Red	Green
Australia	Green	Red	Red	Red	Red
Afghanistan	Red	Red	Green	Green	Green
Japan	Red	Red	Green	Green	Red
China	Red	Red	Red	Red	Green
Indonesia	Green	Red	Red	Green	Red
Bulgaria	Red	Red	Green	Green	Green
Sri Lanka	Red	Red	Red	Red	Red
New Zealand	Red	Red	Red	Red	Red

Above avg → Red - Affected
Below avg → Green - Not Affected

Focus



TITLE : Table

Authors: Heena, Geeta, Nrusika, Anshul

Date: 9th April Sheet: 3

Tasks: Factors Contributing towards BP.

Operations

Select the country with more number of issues then get the details about the BP trend over the years.

The BP trend will give details related to the Diet, Physical activity, Salt intake.

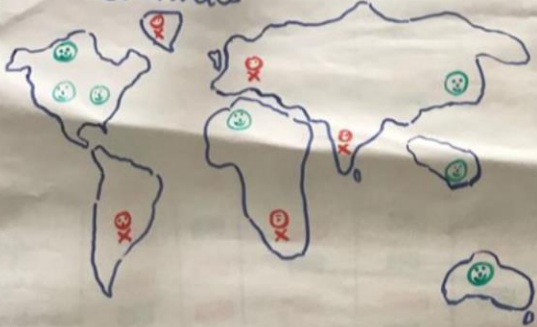
Details

Comparison of different attributes can be done easily & get the complete view of all the affecting factors

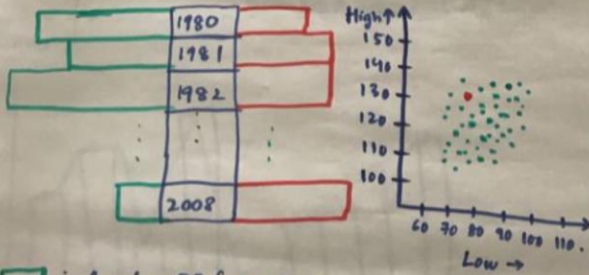
Sheet

Layout:

Countries



Focus:



□ : Avg low BP for a year

□ : Avg high BP for a year

Title: Healthy Vs Unhealthy

Authors: [Name], [Name], [Name]

Date: 1st April Sheet: 4

Task: Comparison of BP values

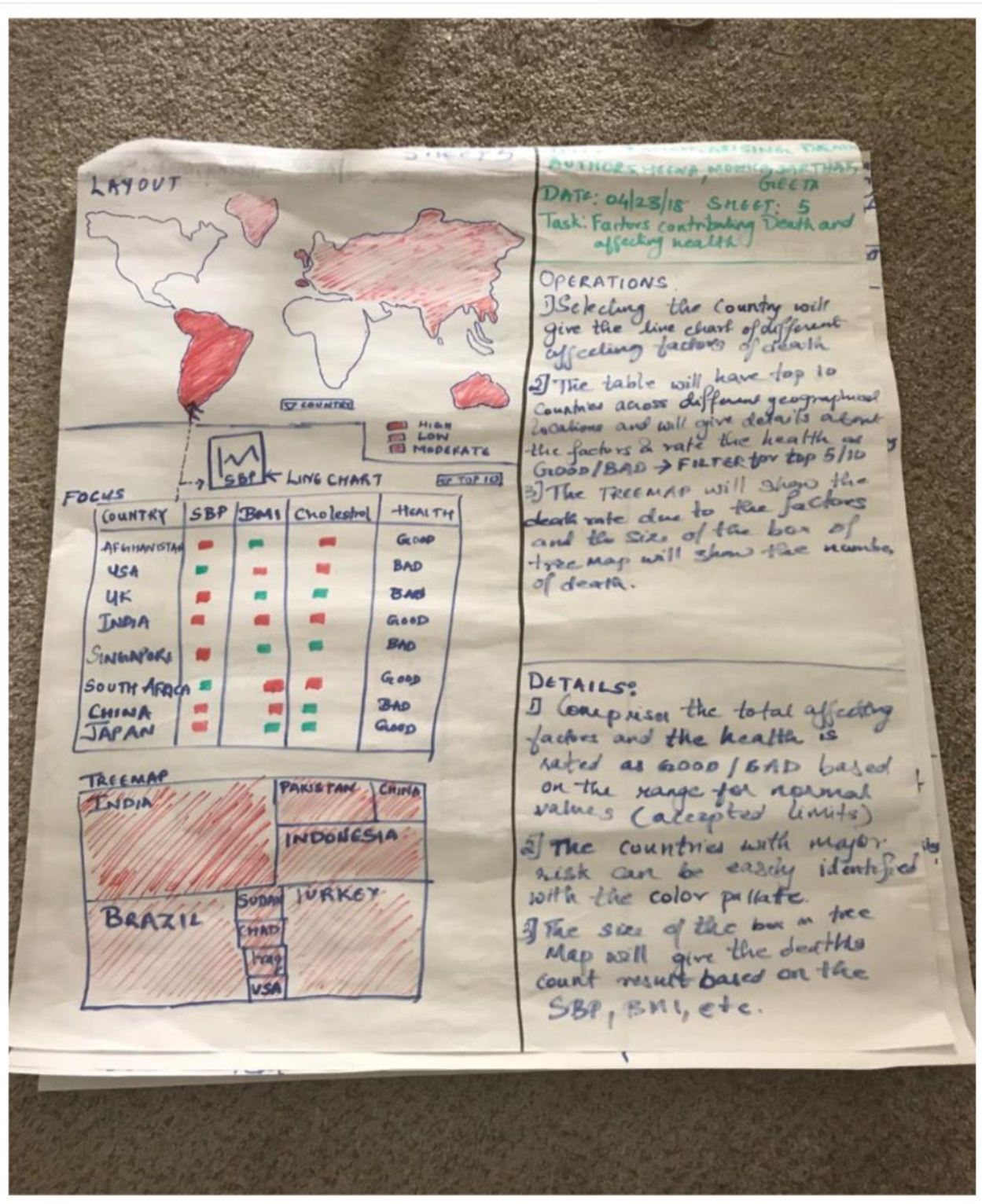
Operations

Red dot represents the selected country.

Green dots - remain countries.

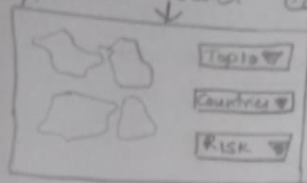
Details

Pros: We can compare the avg BP the selected country with all the other countries.



INTERACTIONS

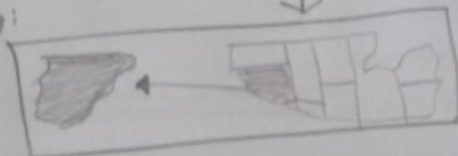
- 1] **FILTERED:** Based on this way of interaction a user can select the country from the dropdown and the user can also select top 10 countries (dynamic query)



2] Zooming and Panning:

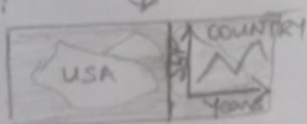
When a user wants to know more about the visual, user can zoom and pan to view the selected area of interest

eg:



- 3] **Labeling:** With the help of this mode a user can get the details about the data and know more about the data

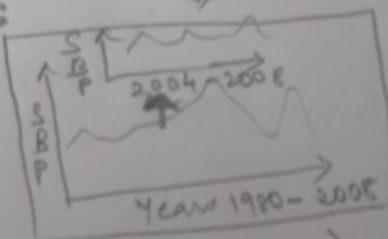
eg:



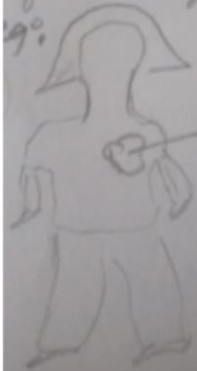
4] Clustering: (CLUTTER REDUCTION TECHNIQUES)

→ Based on this technique the user can group the required category and view the results.

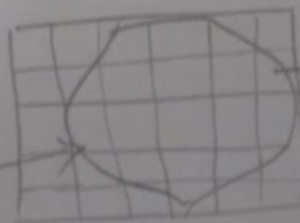
eg:



- 5] **Coordinated Views:**
As our dataset is about health issues we can have multiple views of different factors affecting health



6] Lenses: (Fish-eye Lens)



Degree of interest values will determine the level of detail to be displayed for each country

On the globe the countries that are by the different factors (SBP, B) lenses will magnify the center of the field of view with magnification towards safe countries