

CS732/DS732: Data Visualization -- Datathon 5

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Announcement: October 23, 2020, 11:59 pm IST

Submission: November 02, 2020, 11:59 pm IST on LMS

Dataset:

Source and description:

Given the tabular data in <https://data.world/badosa/uneces-country-overview> (preferably), or the WHO COVID-19 dataset <https://bit.ly/2FWr56j> (to a lesser extent), do the following:

1. use the data, as is, and visualize using parallel coordinates and scatterplot matrices (with up to 7 variables at a time), and
2. build hierarchical relationships based on time and/or space, and use the treemap and sunburst visualizations,

The challenge in this dataset is to identify appropriate sections of the data to build a good narrative. Feel free to use network and matrix visualizations to substantiate your narrative.

What are some of the questions you would ask based on the multivariate and hierarchical characteristics of this data? How would you answer them?

Indicative Tasks:

Explain your inference from the multivariate data visualizations and from remodeling the data using the hierarchical relationship.

A few hints:

- ***be as creative and as curious as you can.***

Report:

Your report must contain images and text to say the following;

1. which parts of the dataset were you able to use, and how have you been able to use – the more you use the merrier.
2. which methods did you choose, why, what technologies did you use for the visualizations,
3. your inferences.