

## CS732/DS732: Data Visualization -- Datathon 6

Jaya Sreevalsan Nair, IIIT Bangalore

---

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

Submission: November 16, 2020, 11:59 pm IST on LMS

### Dataset:

#### Source and description:

Given the tabular data in <https://data.world/badosa/uneces-country-overview>, use maps to visualize change in at least five variables over time. What would you infer from visualizing the five different variables together? Use choropleth maps or heatmaps for visualization.

The challenge in this dataset is to identify appropriate sections of the data to build a good narrative. Feel free to use network, matrix, multivariate, and hierarchical visualizations to substantiate your narrative. You could also use simple bar charts, line charts (time lines), to explore the dataset.

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

### Indicative Tasks:

Explain your inference from the spatiotemporal analysis of the data.

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.