

## Assignment-2 Questions

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**Data:** Use US data file to answer Q1 and Q2 through Visuals + Contexts

**Q1.** Plot a proper map to show the obesity spread over different states of US, highlight the states with maximum and minimum obesity.

**Q2.** Create a Voronoi diagram for the elevations of US cities. Use a data smoothing technique since the elevations are for points, and "spread" those values across areas.

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**Data:** Use data from "Public school Data.zip" to answer questions Q3, Q4 and Q5 through Visuals + Contexts

**Q3.** Plot the distribution of School levels over states and indicate which highest, lowest of High and Elementary schools.

**Q4.** Plot the distribution of Schools' **FT\_TEACHER** over states and indicate which highest, lowest of High and Elementary schools.

**Q5.** Plot the distribution of Schools' **ENROLLMENT** and compare it with the plot in the . Indicate those three regions which have lowest **ENROLLMENT** to **FT\_TEACHER** ratio.

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**Q6.** Pick your favourite geo-dataset from 'geodataset' api ( given in the [Link1](#) and [Link2](#) ), plot three most significant visualization maps to describe some important information/aspects. Develop a story with these visualization by adding some contexts (maximum one page including visualization plots )

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[Link1]- <https://geodatasets.readthedocs.io/en/latest/introduction.html#>

[Link2]- <https://pypi.org/project/geodatasets/>

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