PROJECT PEER FEEDBACK

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Positive feedback:

- The visualization is not only interesting but useful for the target audience (Geoscience research/operator scientists).
- Our focus on the geospatial/geochemical data display is appropriate for the seeked objective (show the spatial distribution of good source rocks and their geochemical data).
- The visualization does follow the principles used in class.
- The primary visual encoding are the colors representing geological formations. The secondary most important visual encodings are the position of the circles in the scatterplots which represent the data results (TOC, HI, OI, etc.) and the height of the bars in our barcharts. Both encodings match our most important aspects of our visualization and are appropriate for the goal proposed.
- Other visual variables like the X,Y position encode the longitude and latitude coordinates of our data points. An interactive map was regarded to be effective and standard for this purpose.
- Multiple views are planned to be tastefully coordinated.

Fair feedback:

- The visualization is not very innovative but it is justified due to the nature of the project (‘not too fancy but more oriented to fulfill the interactive visualization needs of source rock geochemical plots: scatterplots (VK-plot, potential-plot, etc.), TOC-barchart, location map.’).
- The scatterplots proposed may not scale to the used dataset (many data points) and it may look a little too crowded. This was also justified as these scatterplots are research-industry standard and are required for the analysis of these data. Also, geoscientists focus more on the distribution of these data points (clouds) more than individual points, so, a clear display of a single data point is not strictly necessary.
- The interaction was considered meaningful but a little more could be done like: a dropdown to filter the data as desired by the user, a slider to select a range of data, etc.

Negative feedback/suggested changes:

- Due to the nature of the project, the amount of work for the must-have features (scatterplots and a barchart) may be slightly less than appropriate. We were suggested to compensate by including some more work about interaction (bullet points, dropdowns, or others), or, come up with new ways of visualizing the data from other perspective so other charts can be included.