Assignment: Interactive
EDH7916

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Using `hsls_small`, please answer the following questions. Use comments to respond as necessary.

Questions

1. Create an interactive histogram using another continuous variable in the `hsls_small` data set. You can make either a frequency or density histogram.
2. Create an interactive two-way histogram using another grouping variable in the `hsls_small` data set (something other than parental college). You can use an existing indicator variable or create your own.
3. Create an interactive 3D scatter plot using SES, math scores, and a categorical variable with more than two groups. This means your legend should more than two items and your graph should have more than two colors. Note that you likely need to increase the number of colors in `pal` (you can find more hex codes at https://htmlcolorcodes.com) or remove the argument altogether.
4. **BONUS** Try to make an interactive figure using `hsls_small` unlike one we made in lesson. Use the examples from https://plotly.com/r/.

Submission details

- Save your script (`<lastname>_assignment_interactive.R`) in your `scripts` directory.
- Push changes to your repo (the new script and new folder) to GitHub prior to the next class session.