



GEORGETOWN UNIVERSITY
PUBLIC POLICY 646
DATA VISUALIZATION
ASSIGNMENT 6: VISUALIZATIONS WITH TABLEAU
Prof. Wesley Joe

This assignment requires you to create two original visualizations in Tableau. For each visualization, please begin by writing a brief paragraph that explains the purpose of the visualization.

You are free to choose the data and kinds of visualizations. You do not have to use the same data set for each of the two visualizations. One visualization should be a static visualization, that is, a visualization that you create in Tableau, turn into a PDF file, and polish in Illustrator. The second visualization should be a Tableau dashboard that contains some degree of interactivity. (Even a customized Tooltip display constitutes some degree of interactivity.)

As should now be standard practice, each visualization should include annotation. In the Tableau dashboard visualization, use title fields or text fields for this. Again, please, help your audience zero in on your key takeaway point(s) by including at least a lead-in sentence. Each visualization should be polished and aesthetically pleasing to a professional audience.

Obviously, I won't be able to see your fine work on the second visualization's interactive feature if you submit a PDF file of the visualization that includes it. Consequently, you'll need to save the Tableau dashboard visualization as a Tableau packaged workbook (.twbx) file and submit that file instead of a PDF.

Please turn in the following deliverables:

- Please submit to Gradescope: a three-page PDF file that contains:
 - First and second pages: a brief, one-paragraph statement of purpose for each of the two visualizations.
 - Third page: a PDF file that contains the static visualization that you polished in Illustrator.
 - Please submit to Google Drive (I will e-mail a link to a folder that you will share with me):
 - A Tableau packaged workbook (.twbx) file that contains the first (static) Tableau visualization that you polished in Illustrator and submitted in Gradescope. This
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must be a .twbx file, which will include a copy of the data used to create this visualization.

- A Tableau packaged workbook (.twbx) file that contains the Tableau dashboard visualization.

Again, both of these files must be .twbx files. Only .twbx files include a copy of the data used to create your Tableau visualization. Without the data, I can't open the workbook and see your good work.

If your data set is too large to send as part of a Tableau packaged workbook file, please let me know and we'll work out how to submit the deliverables.