Project 2: Interactive BABS visualization

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* A brief description of the implemented views and interactions in your system.
  + What does each view show? How do you interact with the system? As a novice user, how would I use your system? Also state your justification or reasoning for choosing each view.

Description of implemented views and interactions:

My visualization consists of an interactive map view with d3 elements on top of it, a histogram, time slider, and needle gauge. The map view gives the user a sense of where each bike station is on the map, and the tooltips show the exact intersections.

* Note any insights that may be gleaned from your system that may not be intuitive from the dataset alone, and/or any interesting findings that you made.

Insights….

* Student Evaluation
  + Have a student in the class use your application and give you feedback on it. Provide a short write-up of this experience. If there are bugs, limitations, issues, or future improvements that can be made to your system, especially if mentioned by your student evaluator, briefly discuss these and if you feel they are warranted criticisms.
* Extra credit justification:
  + I used a system design technique of multiple overlays to give the user an uncluttered view of the map, but also have the option to dive deeper into the data.
  + My date slider and needle gauge, although adapted from examples are a novel way to show how popularity changes over time.
  + I reached out to a developer on GitHub who also made a BABS visualization and asked how they pruned their data, and received feedback on my viz from them.