

## Reimagining the NYC subway

The NYC subway map has a thousand and one uses. Let's redesign it with **one use in mind**.

You might want to use [a reference map](#) or [Google maps](#) to give you a hand. Feel free to guesstimate transit times if you need them.

### Part 1

Draw me a new map of the subway that tries to communicate the following:

- **Group 1:** I am interested a large transit center or two in each borough (e.g. Atlantic Terminal in Brooklyn, Times Square in Manhattan)
- **Group 2:** I am interested in your commute to Columbia (if you all live nearby, pretend you live in Carroll Gardens, Forest Hills or Yankee Stadium)
- **Group 3:** I am interested in where you can get from Columbia
- **Group 4:** I am interested in where you can get from home (if you all live nearby, pretend you live in Carroll Gardens, Forest Hills or Yankee Stadium)
- **Group 5:** I am interested in how well-connected the boroughs are.
- **Group 6:** I am interested in how connected Midtown is, especially along 42nd Street (Port Authority, Times Square, Bryant Park and Grand Central). There also seem to be some big stations ones right above and below 42nd, like Rockefeller, Penn Station and Herald Square.

Think hard about node size, line width, positioning, edge and node bundling, and labeling. Bonus points awarded for giving love to the lonely, lonely G train.

### Part 2

I am interested in eating at a few of the following places: (look them up on Google Maps)

- Mister Hotpot in Sunset Park
- Tacos el Bronco in Sunset Park
- David's Brisket House in Bed Stuy
- Peaches in Bed Stuy
- Guy's American Kitchen & Bar in Times Square
- Sripraphai in Woodside
- Patel Brother's in Jackson Heights
- Auttharos in Jackson Heights
- Jon Browns Smokehouse

**Make me a map about them.**

If your group number is even, I want to go to them in the same day. If your group number is odd, I want to always go to them for dinner after class at Columbia. How does that change the "right" way to display them?

Think about **what should be connected to what**. Do I care about the subway? Do I care about neighborhoods? The restaurants themselves? Think hard about node size, line width, positioning, edge and node bundling, and labeling.