* CartoDB Demo
  + Creating a CartoDB account
    - Go to cartodb.com
    - Click “Sign Up”
    - Enter Email, username, and a password
    - Check the accept box
    - Press the “Create Account” button (verify this)
    - On the next screen, just press the “Go There Now” button
  + Getting Data into CartoDB
    - Drag your geojson file over the screen.
    - Setting permissions on the new table
    - Click the green lock in the upper left corner
    - Demo accounts require tables to be public, but this is where permissions can be set
  + Modifying Attributes
    - Add a column
    - Press “Create Column”
    - Enter “Rating”
    - Press “Save”
    - Do this for a few of the restaurants, bars, cafes, and pubs
  + Map View
    - Press the “Map View” button on the top
    - Querying the map
      * Press the “SQL” button on the right
      * Enter SELECT \* FROM points WHERE “Amenity” = ‘pub’
    - Modifying the data
      * Capitalizing the first letter
        + In the SQL view
        + Enter the command UPDATE points SET “Amenity” = INITCAP(“Amenity”);
        + Enter the command UPDATE points SET “Cuisine” = INITCAP(“Cuisine”);
        + Try the old query, you will not see any results
        + Try SELECT \* FROM points WHERE “Amenity” = ‘Cafe’
        + Cafes will be displayed
      * Combining the address fields into one field for display
    - Resetting the Query
      * Enter “SELECT \* FROM points”
      * All points will be displayed
  + Create a Visualization
    - Click “Visualize” in the upper right corner
    - Name your map and continue
    - Change your basemap to anything you prefer
    - Click “Basemap” in the upper left of the map
    - Take a look at your possible map options
  + Style your map
    - Click the paintbrush on the right side of the map
    - Scroll to the right and choose “Category”
    - Choose the “Amenity” column
    - Pick the colors
  + Add a popup
    - Select Name, Amenity and Rating
    - Make sure to check “title”.
    - Add the address fields
    - Drag “Rating” under Name and Cuisine under Rating
    - Click a point on the map and verify your popup
  + Share your map
    - Add a title
    - Share your map
    - Click the “Share” button
    - You will get a link to view the map, some HTML code to embed the map, and a link to the map visualization configuration information.
  + Return Data in geojson and csv
    - Go back to the main menu (press the back button)
    - Click the tables button
    - Select your table
    - In the upper right, select “Options” and “Export”
    - Here you can export in multiple formats
    - Select GeoJSON
    - You will download your data in GeoJSON format, complete with your new rating column
    - Put back in the data reop
  + CartoDB API
    - return subsets of data through simple queries
    - Reuse the query for Cafes
      * SELECT \* FROM points WHERE “Amenity” = ‘Cafe’