

Overview

This tutorial will take you through the process of creating a simple interactive map from a spreadsheet of data.

Getting Started

Format Your Data

Format your spreadsheet of address data in excel using the below tips.

- Assign a **unique ID** to each record
- **No special characters** in field names
- Don't begin a field name with a **#**
- Each address element gets **its own field**
- Store zip codes as a **text** field
- **Clean Data = Better Results**

Saving Your Data

Save your data as a CSV file in excel.

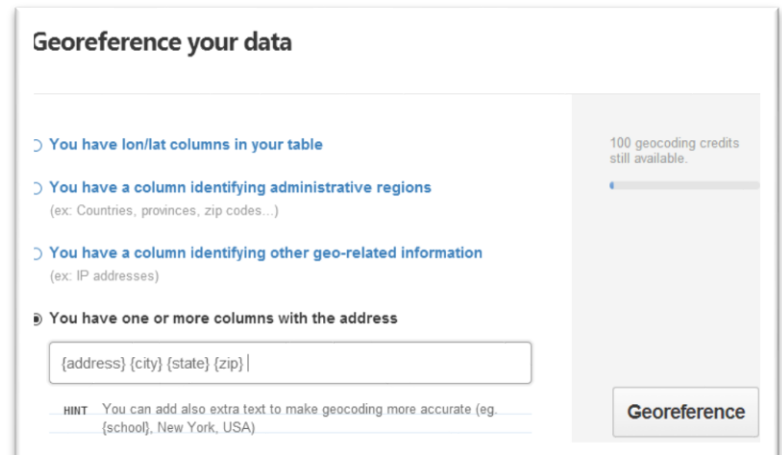
Make a Map with CartoDB

Create a CartoDB Account

Create a free CartoDB account at cartodb.com/signup and Login.

Add Your Table & Geocode

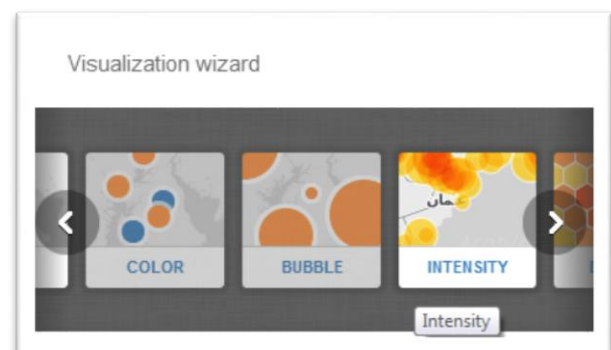
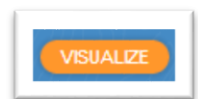
1. Select *Create Your First Table* or drag your table into the window.
2. Once your table is uploaded and processed, it will appear in the *Table View*.
3. Select the *Map View* to display your features on a map.
4. The *Georeference* tool will pop up. Use this tool geocode your data. Select the "*I have one or more columns with the address*" and add all fields in your table that comprise the complete address. Select *Georeference*.



Note: You will receive 100 free geocodes with CartoDB's free account per month. You can also use other web services (free and paid) to geocode. Consult this blog to geocode using Google Docs: ph.ly/geocodeblog.

Make a map with CartoDB

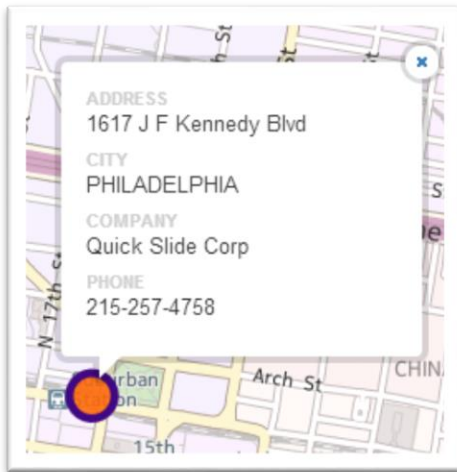
1. Your geocoded features will now appear on the map. If you want, you can change the basemap.
2. Select the *Visualize* tool to configure the display of your map.
3. The *Visualization Wizard* will allow you to select a method of display for your features.



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- Use the *Infowindow* tool to select which fields to include in the popup window so users can click a feature on the map and learn more.



- You can adjust many options including displaying the *Title* and *Description*; making the map shareable, including an address search box, a layer selector, legend or scroll wheel. The free CartoDB account does not include the option to create a private map.
- Share the map using the sharing the Public URL or embed them map on a website or blog using the Embed URL or Iframe and pasting it into your website.

Additional Tips

- Experiment with the *visualization wizard* to change how your points are visualized on your map.
- Find additional guides and tutorials on CartoDB's website: developers.cartodb.com/tutorials.html

- Add *Description* and *Tags* to your map to make it more easily discoverable.

Publish and Share your Map

- Finally, select *Share* and configure the publishing settings for your map.

