

Картография без специализированного программного обеспечения

SPB
DH
WEEK

Неделя цифровой
гуманитаристики
в Петербурге

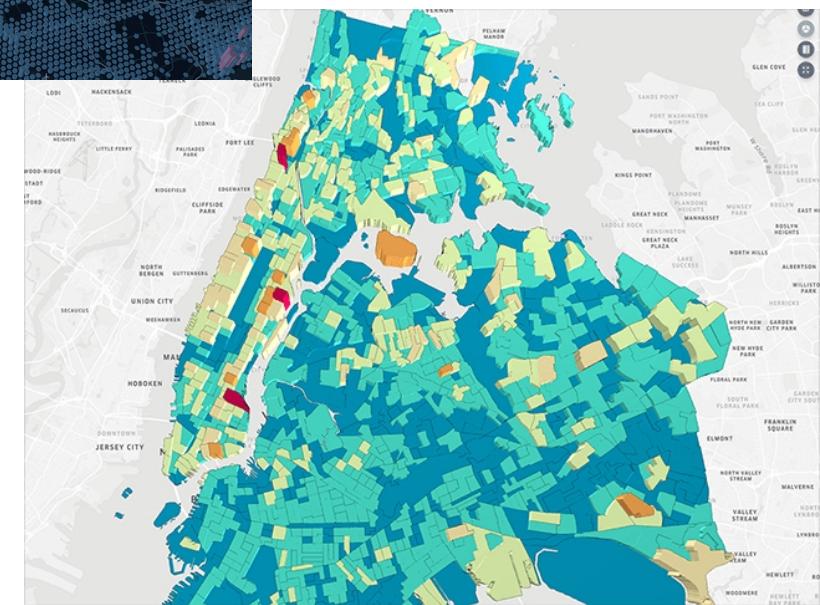
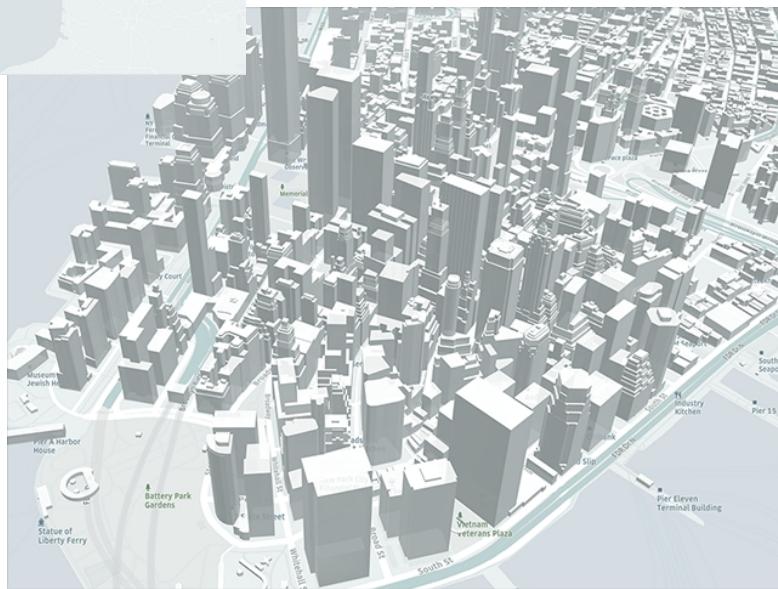
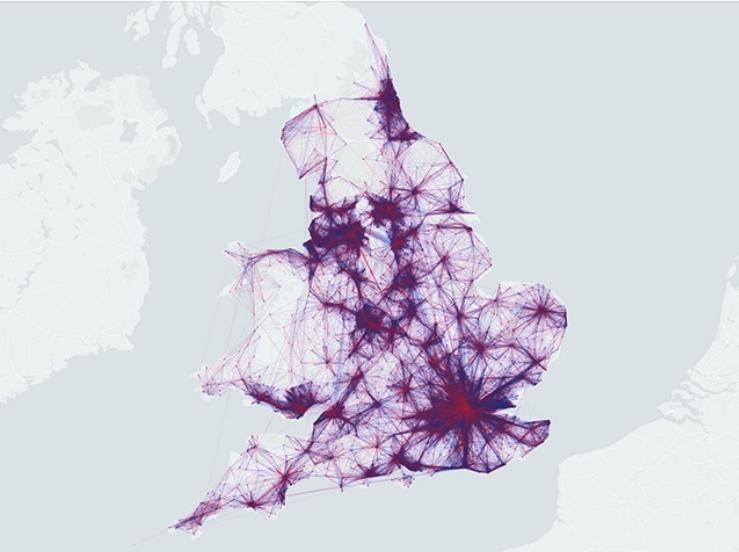
25-29 января
2021

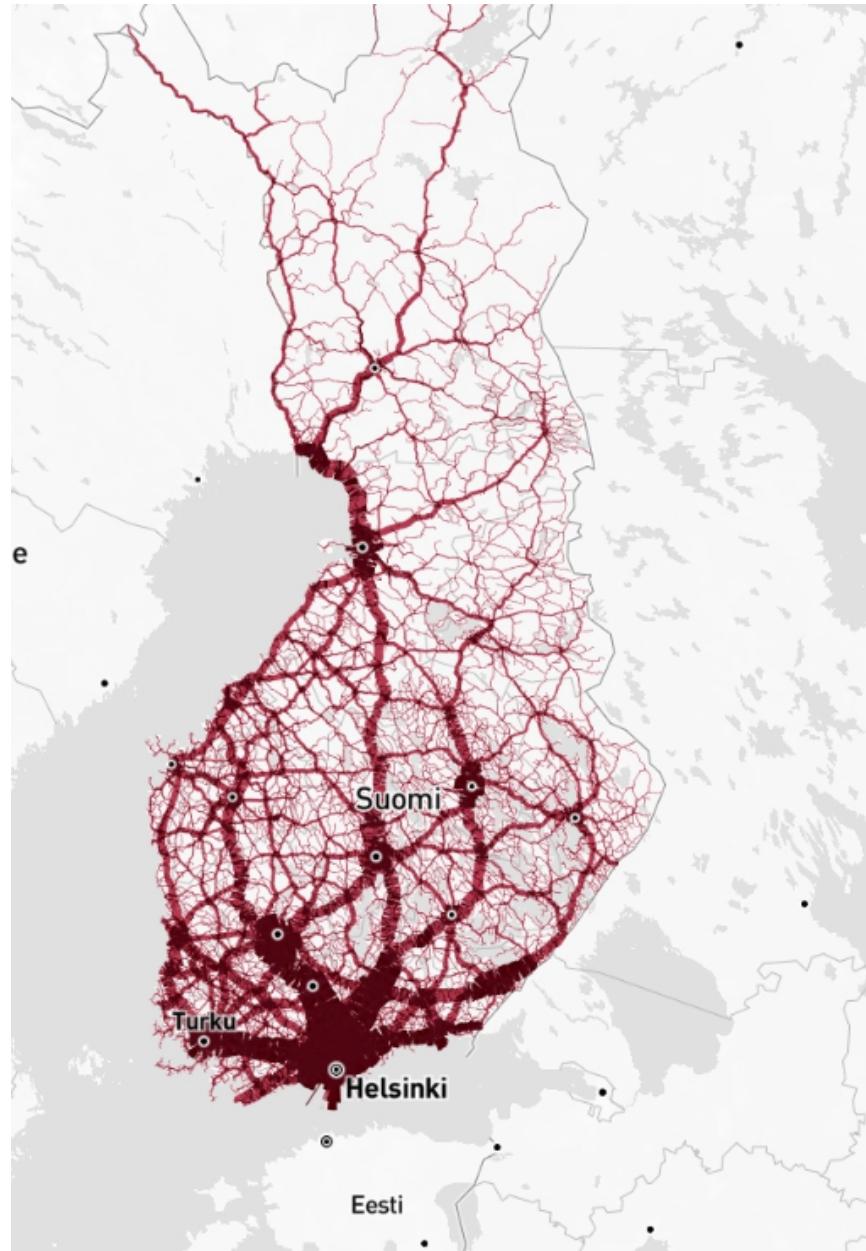
Татьяна Балтыжакова

Kepler.gl

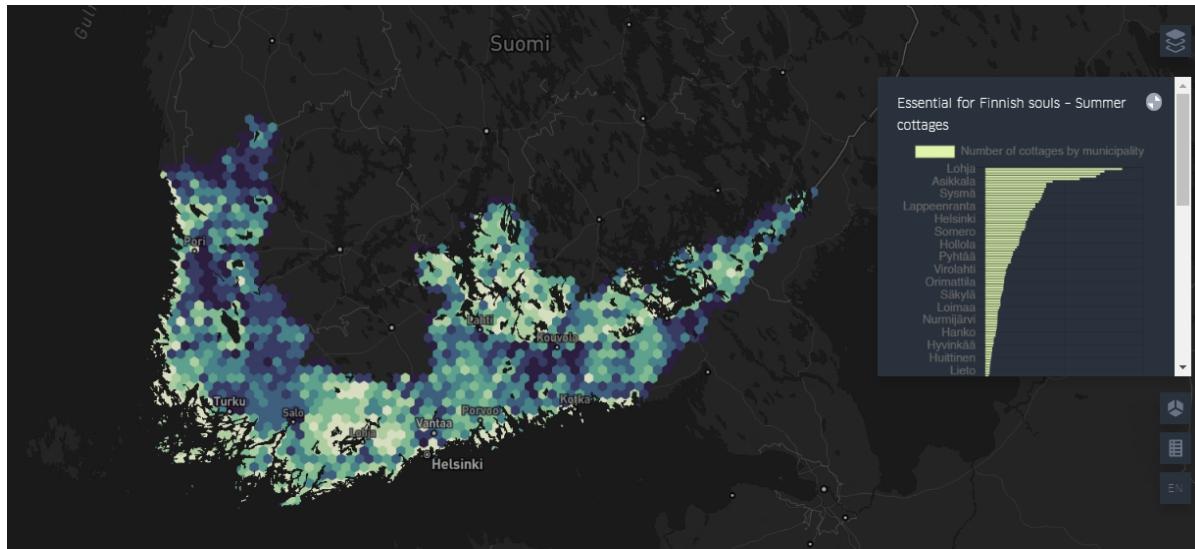
высокопроизводительное веб-приложение для визуального исследования крупномасштабных наборов данных геолокации.

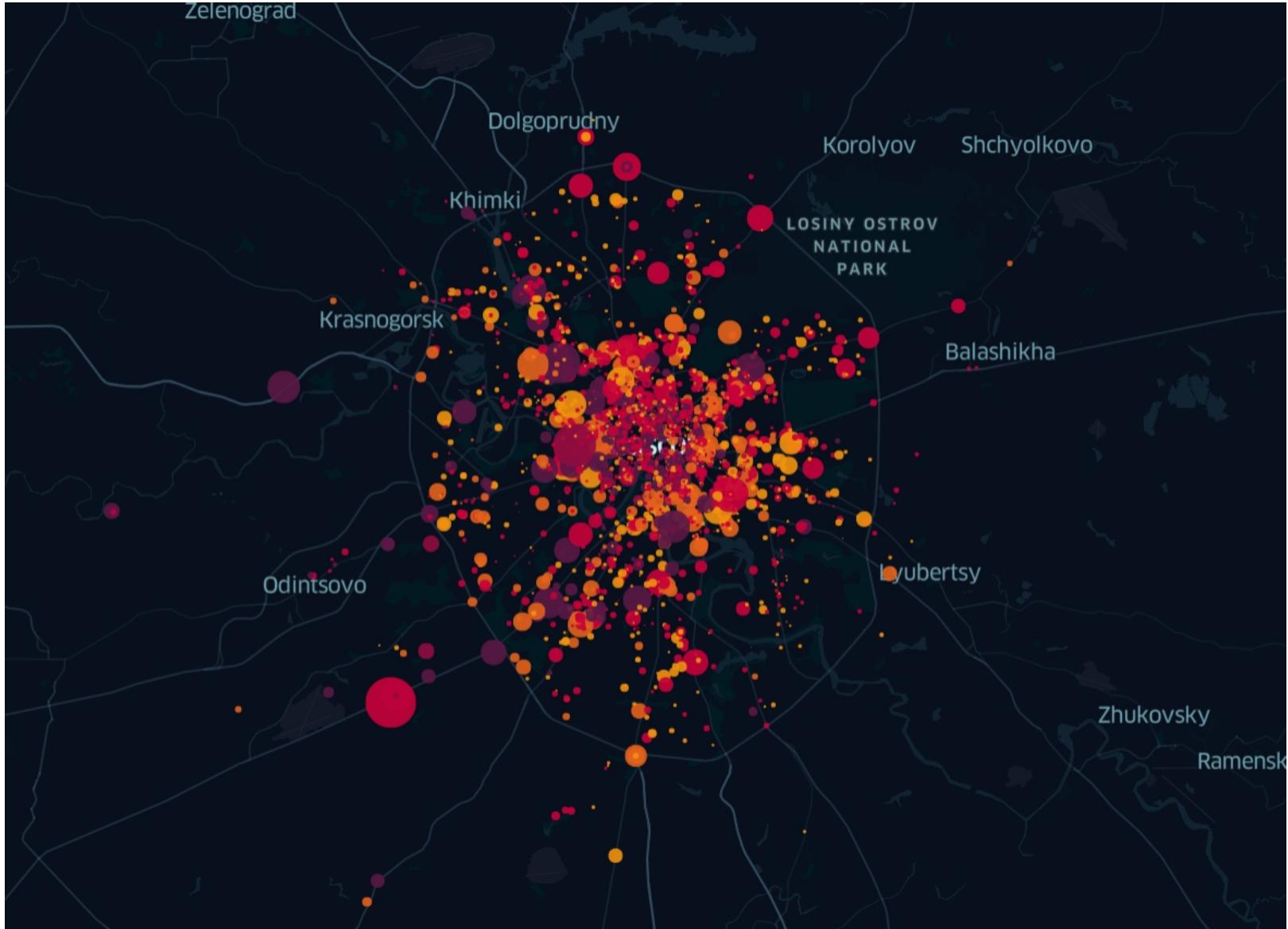
Созданный на основе Mapbox GL и deck.gl , kepler.gl может отображать большое количество данных и выполнять пространственное агрегирование на лету.





<https://ngz.gispocoding.fi/kepler/?locale=en>





https://twitter.com/alex_radch/status/1255912096266682368

<https://kepler.gl/demo/map/carto?mapId=71dc0ec-30ae-457e-d5ae-8e72a285a02f&owner=alexradchenko&privateMap=false>

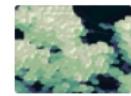
Add Data To Map



Load Files

Load Map using URL

Load from Storage



No data ?

Try sample data >

Upload **CSV**, **Json**, **GeoJSON** or saved map **Json**. Read more about [supported file formats](#).



Drag & Drop Your File(s) Here

or [browse your files](#)

*kepler.gl is a client-side application with no server backend. Data lives only on your machine/browser. No information or map data is sent to any server.

The screenshot shows the kepler.gl interface with the 'Layers' tab selected. At the top, there's a header with the kepler.gl logo and version 2.4.0. Below the header are several icons: a gear, a question mark, a document, and an upward arrow. A horizontal line separates this from the main content area. In the main area, the word 'Layers' is displayed in large font. Below it is a button labeled '+ Add Data'. Underneath this button is a section titled 'Layer Blending' with a dropdown menu set to 'normal'. The rest of the screen is mostly blank.

The screenshot shows the kepler.gl interface with the 'Interactions' tab selected. At the top, there's a header with the kepler.gl logo and version 2.4.0. Below the header are several icons: a gear, a question mark, a document, and an upward arrow. A horizontal line separates this from the main content area. In the main area, the word 'Interactions' is displayed in large font. Below it is a list of interaction types with toggle switches: 'Tooltip' (on), 'Comparison Mode' (off), 'Comparison Type' (set to 'Absolute'), 'Geocoder' (off), 'Brush' (off), and 'Coordinates' (off). The background is dark gray.

The screenshot shows the kepler.gl interface with the 'Base map' tab selected. At the top, there's a header with the kepler.gl logo and version 2.4.0. Below the header are several icons: a gear, a question mark, a document, and an upward arrow. A horizontal line separates this from the main content area. In the main area, the word 'Base map' is displayed in large font. Below it is a 'Map Style' section with a dropdown menu set to 'Dark'. Underneath is a 'Map Layers' section containing a list of layers with up/down arrows for reordering: 'Label', 'Road', 'Border', 'Building', 'Water', 'Land', and '3d Building'. At the bottom is a '3D Building Color' section with a color swatch and a 'Add Map Style' button. The background is dark gray.

Map format

Choose the format to export your map to



Export your map into an interactive html file.

Mapbox access token

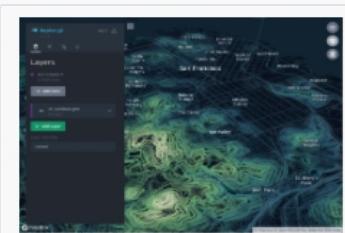
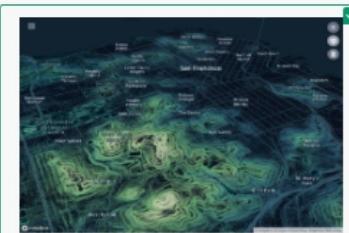
Use your own Mapbox access token in the html (optional)

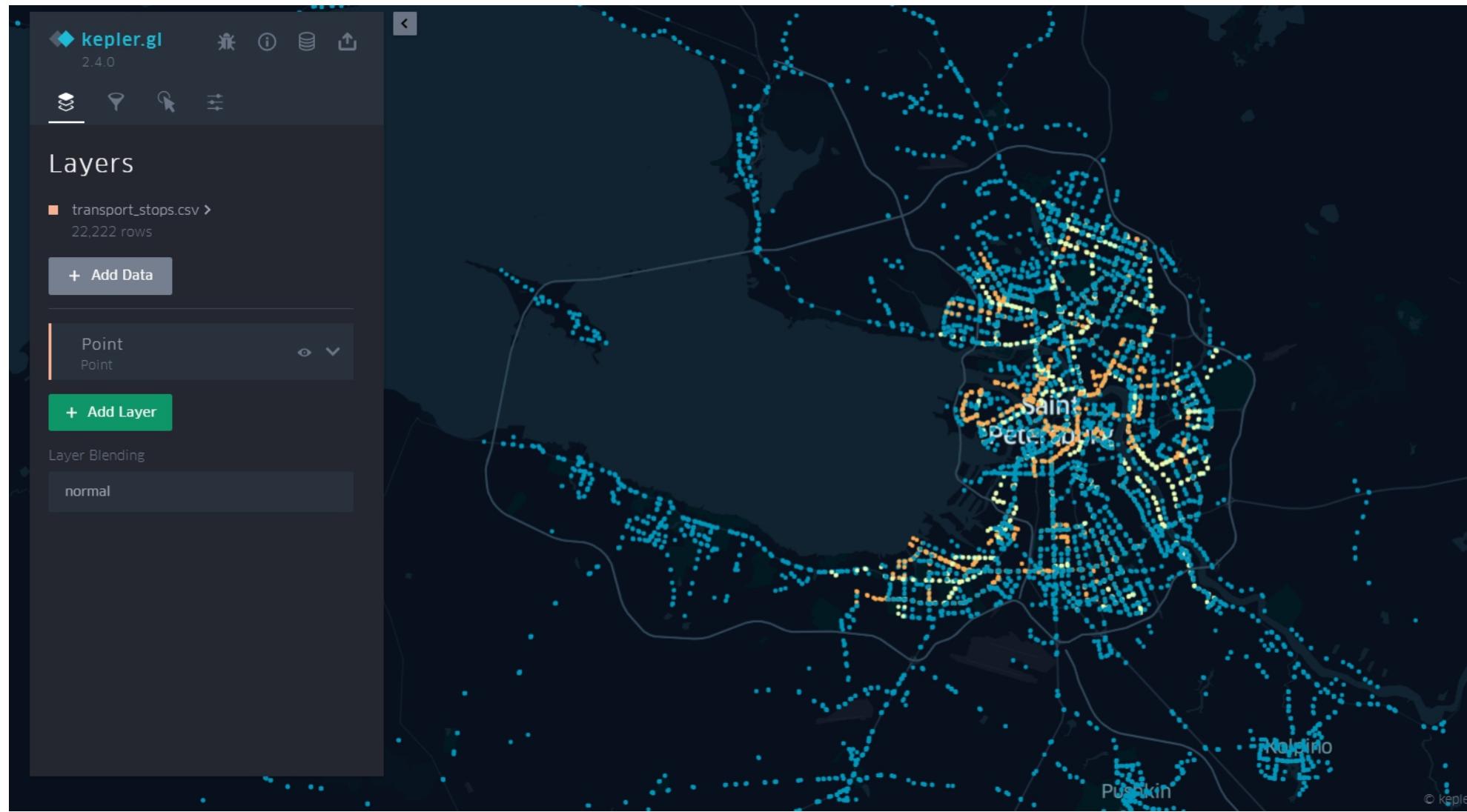
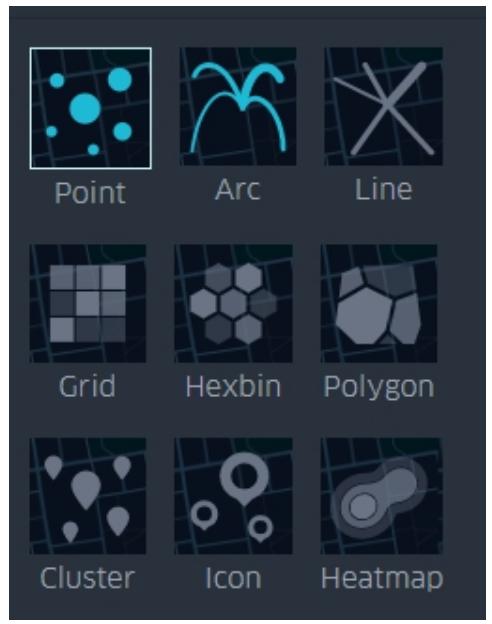
Paste your Mapbox access token

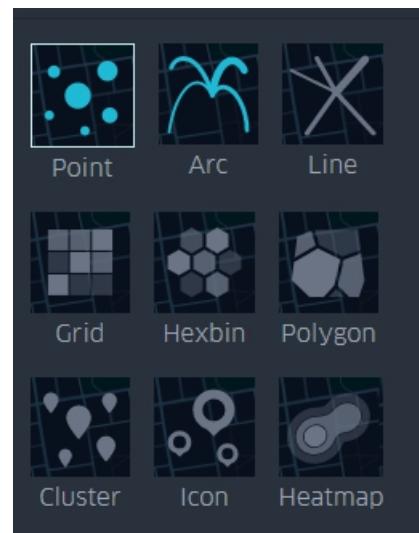
* If you do not provide your own token, the map may fail to display at any time when we replace ours to avoid misuse. You can change the Mapbox token later using the following instructions: [How to update an existing map token](#).

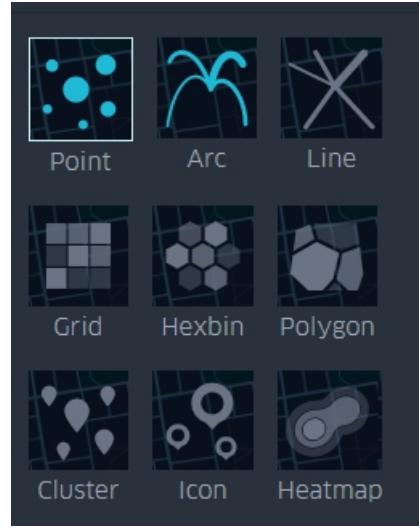
Map Mode

Select the app mode. More info









kepler.gl
2.4.0

Hexagon

| Basic

Hexbin

Columns Required*

Lat * float lat

Lon * float lon

| Color

Color scale: dark purple to yellow

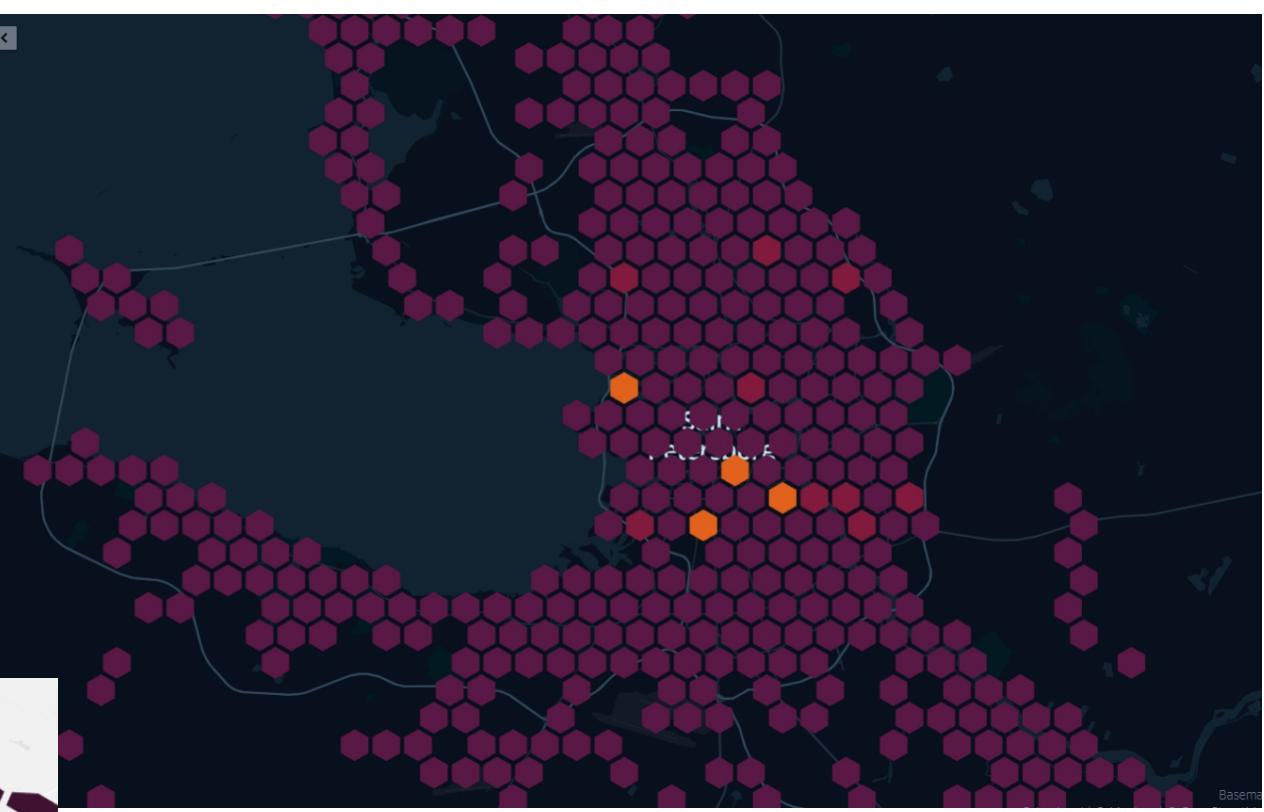
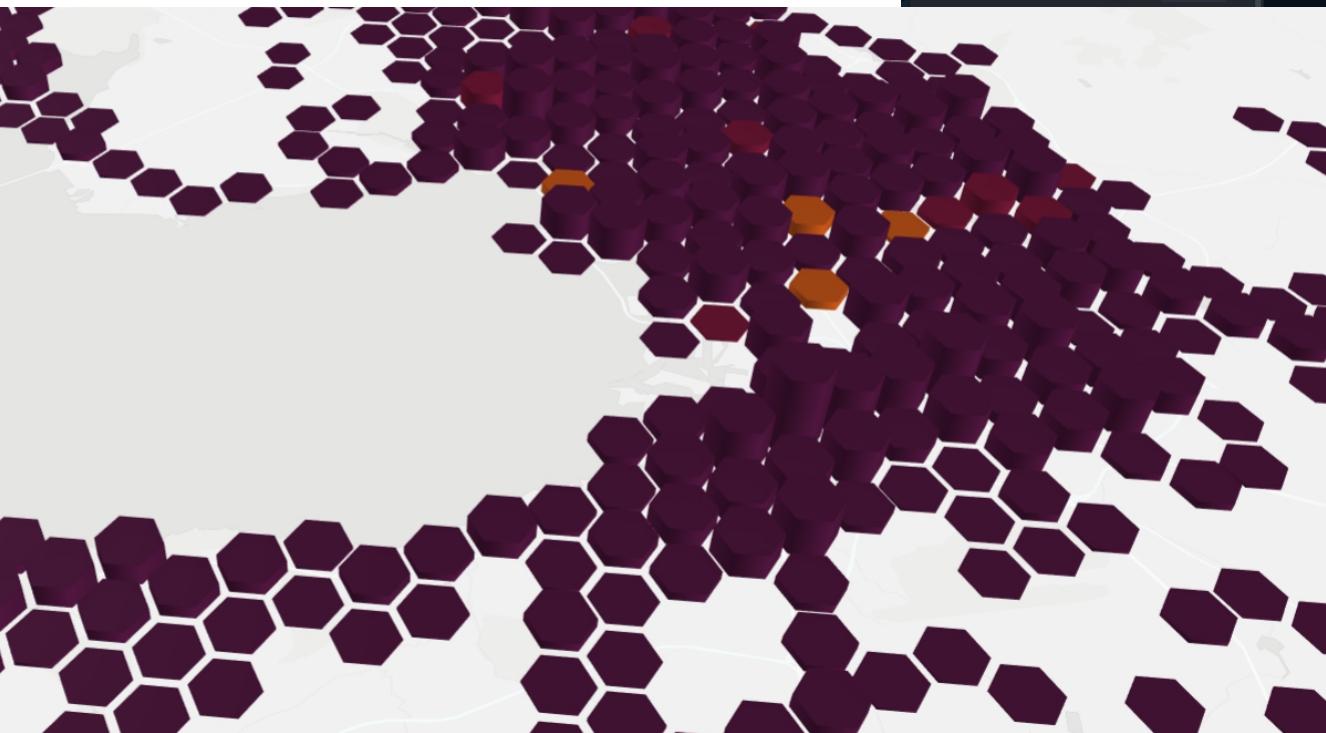
| Radius

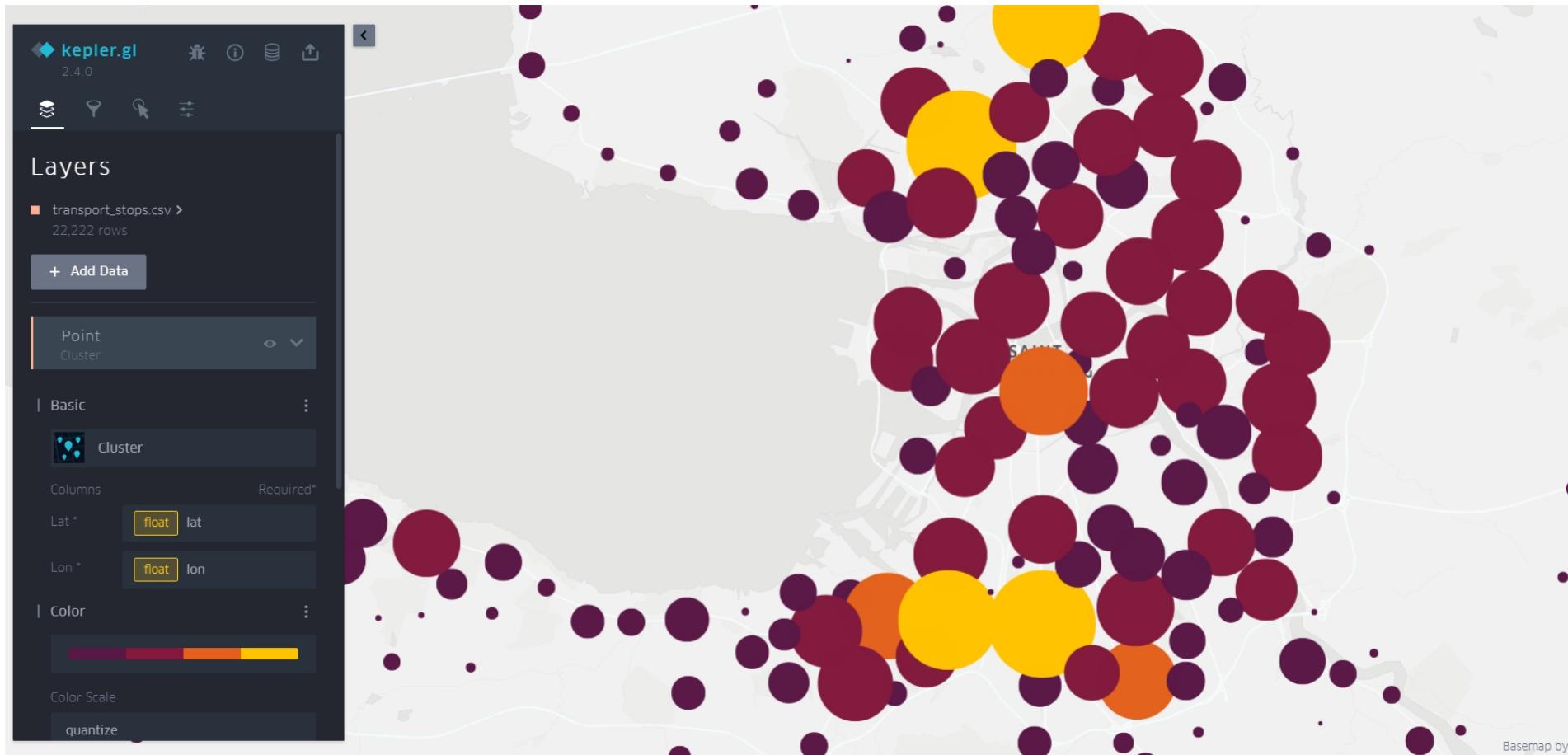
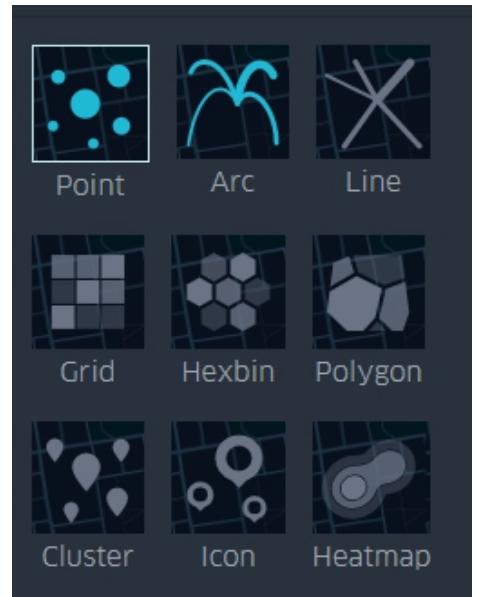
Hexagon Radius (Km)

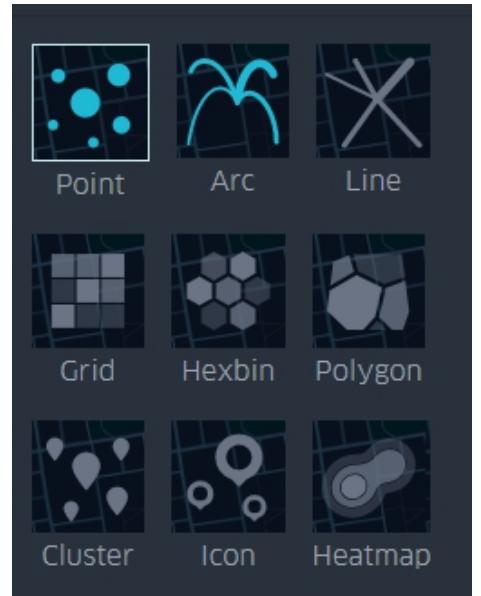
1

Coverage

0,87







kepler.gl
2.4.0

Point Heatmap

Basic

Heatmap

Columns Required*

Lat * float lat

Lon * float lon

Color

Radius

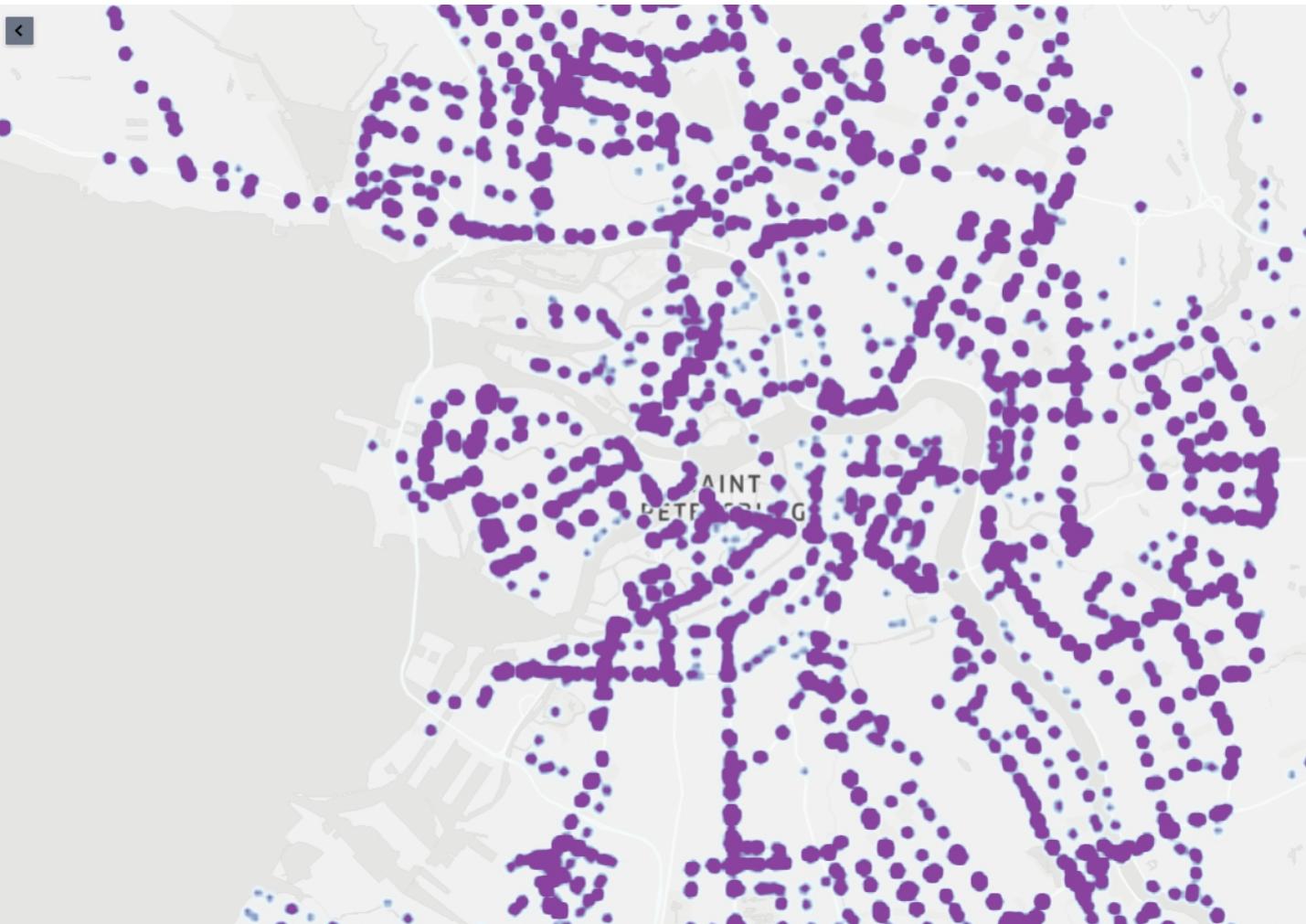
Weight

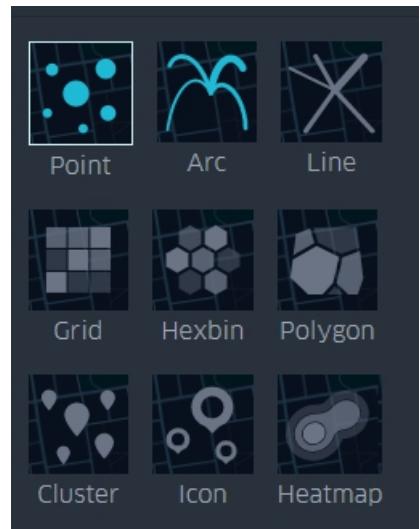
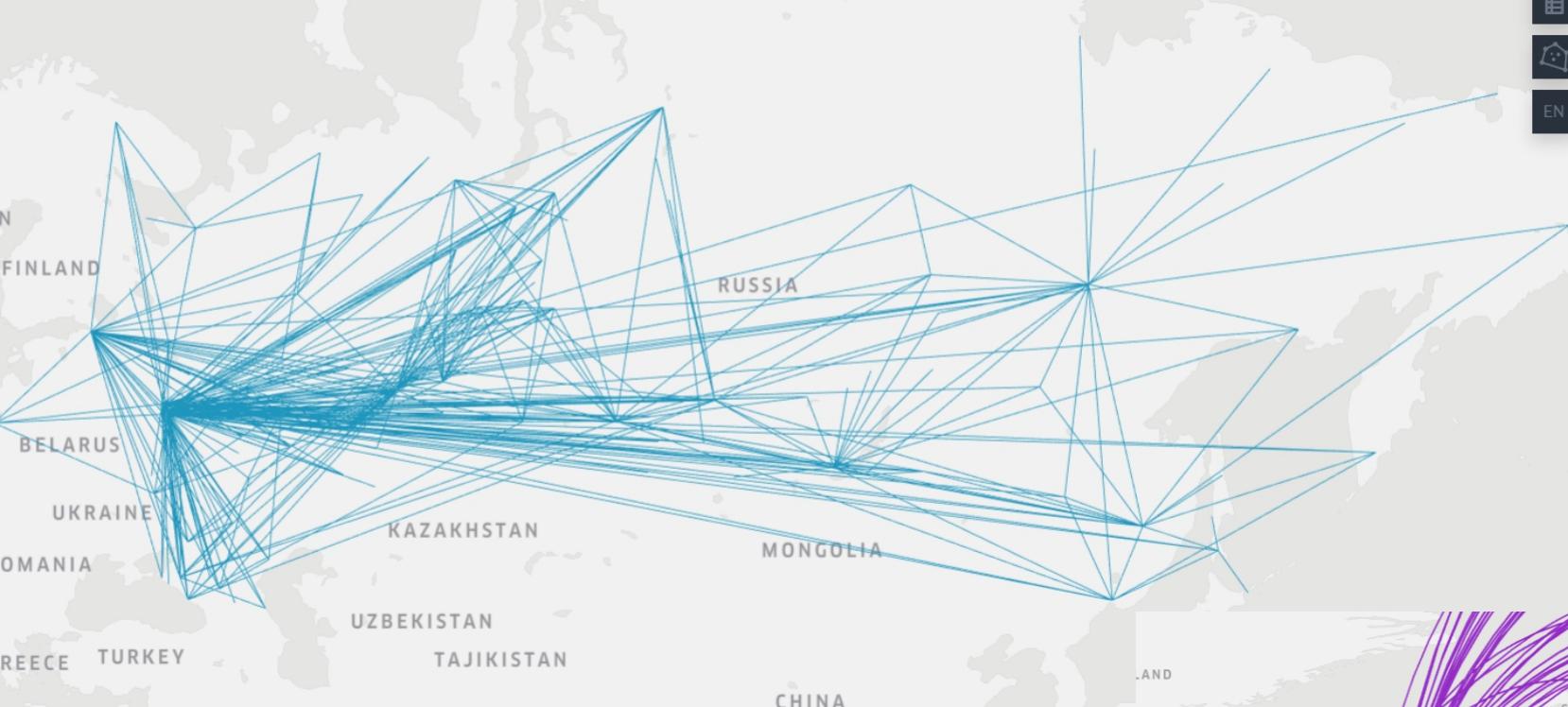
Weight Based On ⓘ

density

+ Add Layer

This screenshot shows the Kepler.gl interface for creating a heatmap layer. The left sidebar lists various visualization types, and the main panel is configured for a heatmap. It requires 'Lat' and 'Lon' columns, uses a color gradient from white to dark purple, has a radius of 9.7, and weights points by 'density'.







SPB DH WEEK

Неделя цифровой
гуманитаристики
в Петербурге

25-29 января
2021

<https://t.me/geomess>,
tatiyana.baltyzhakova@gmail.com