

Картография без специализированного программного обеспечения

SPB
DH
WEEK

Неделя цифровой
гуманитаристики
в Петербурге

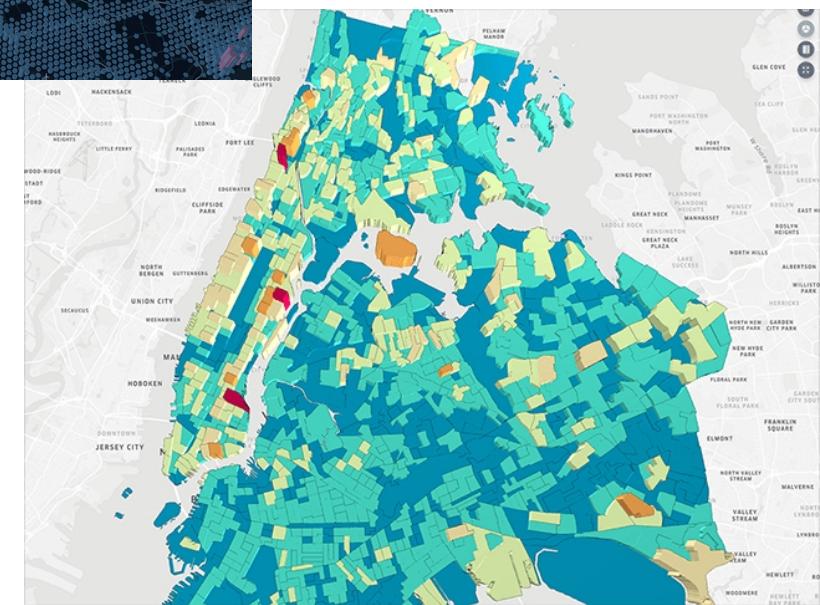
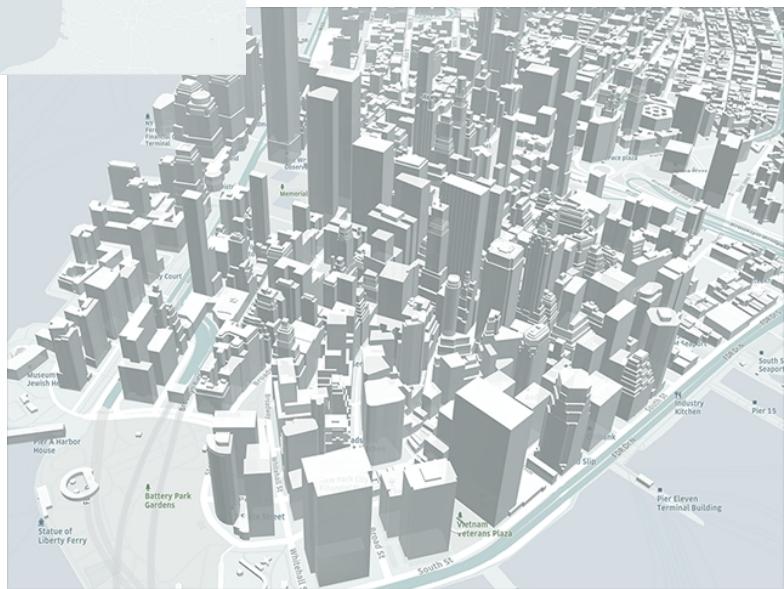
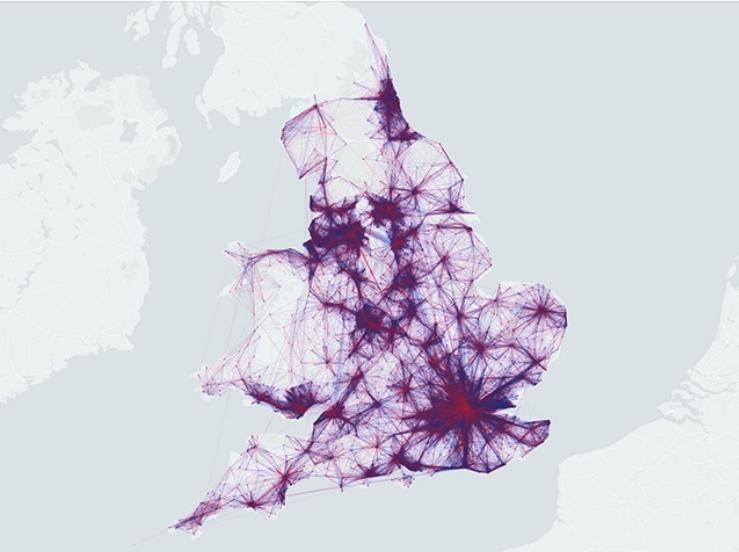
25-29 января
2021

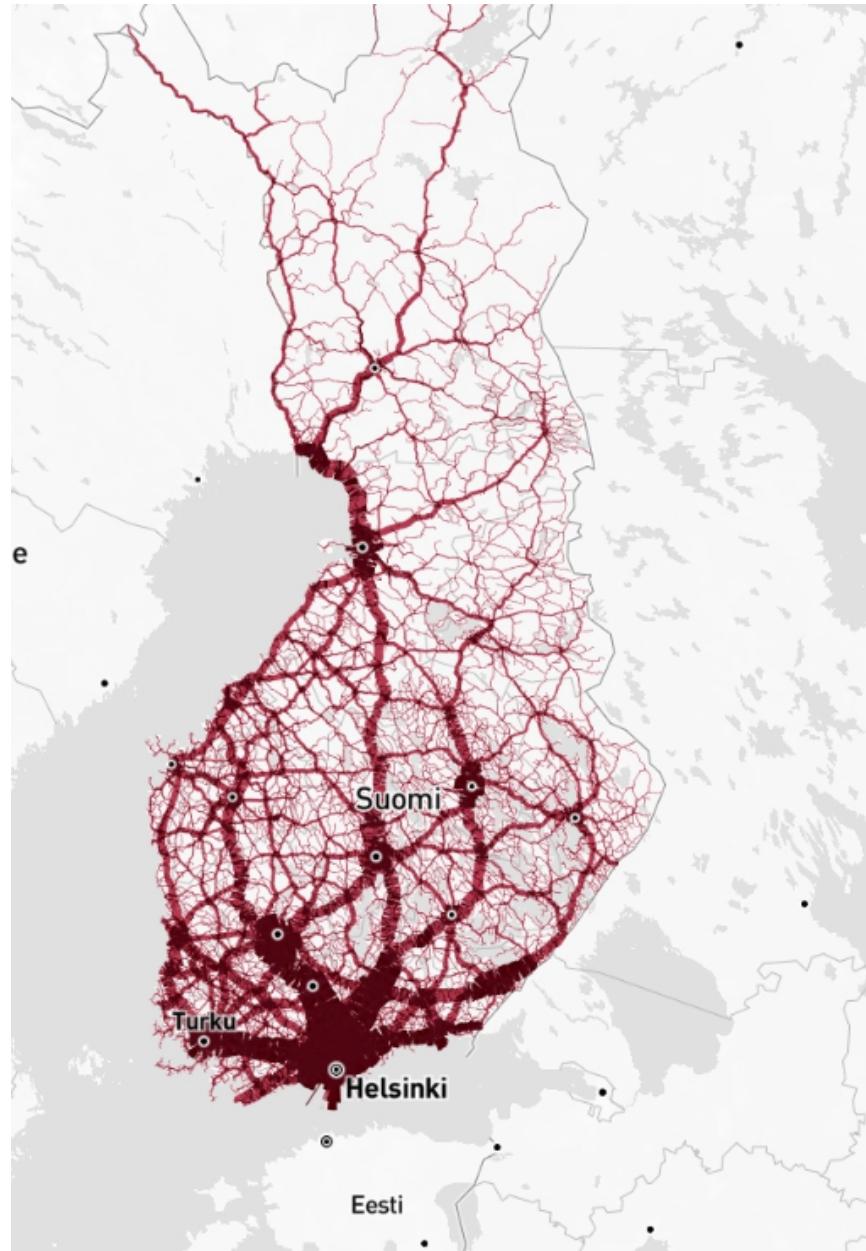
Татьяна Балтыжакова

Kepler.gl

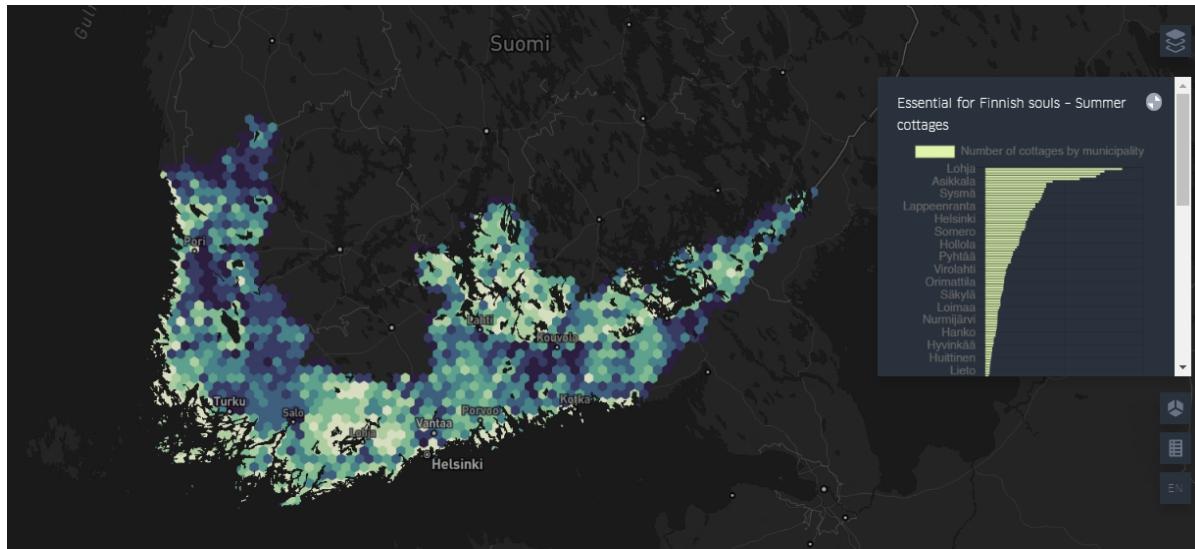
высокопроизводительное веб-приложение для визуального исследования крупномасштабных наборов данных геолокации.

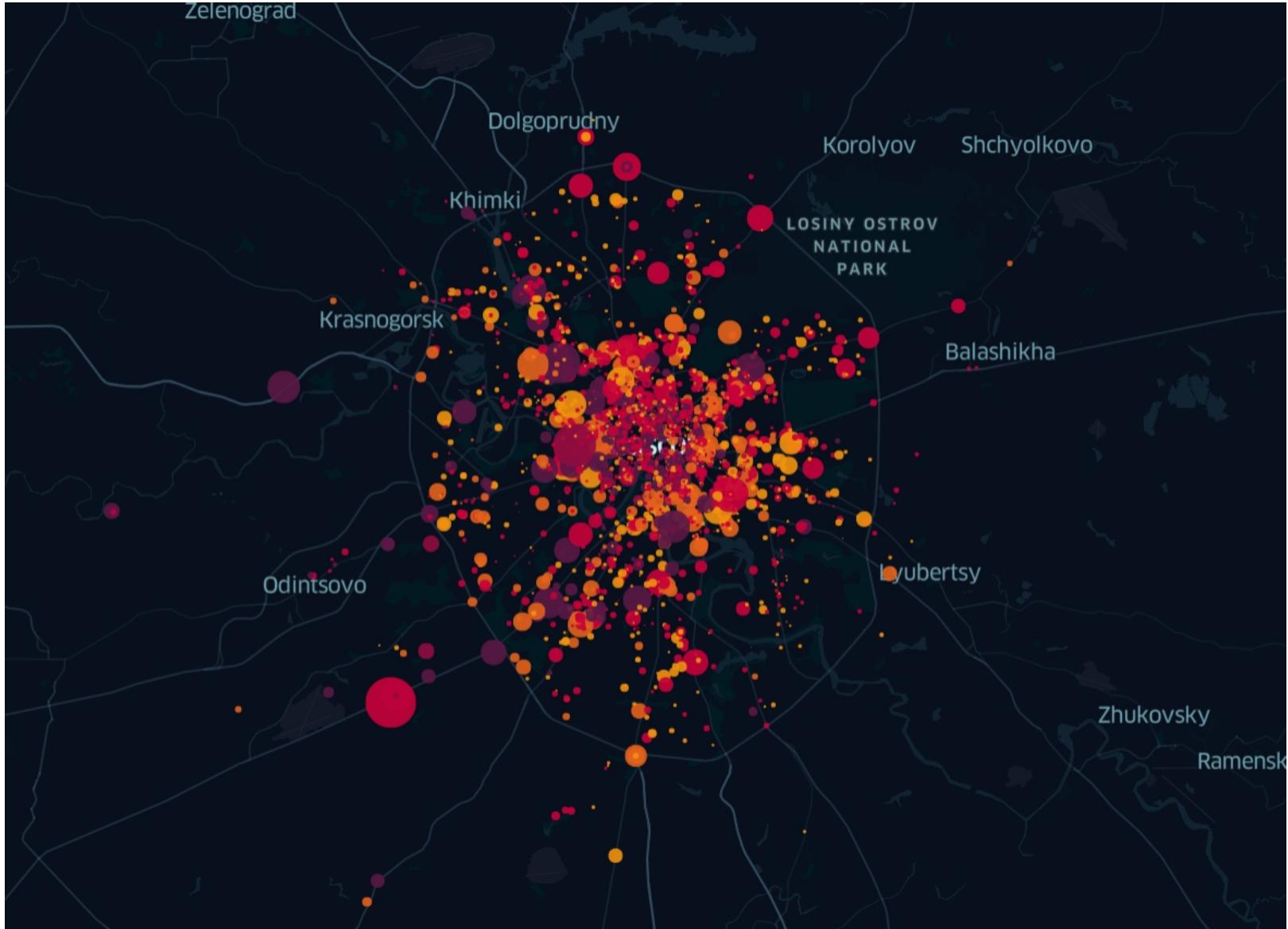
Созданный на основе Mapbox GL и deck.gl , kepler.gl может отображать большое количество данных и выполнять пространственное агрегирование на лету.





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



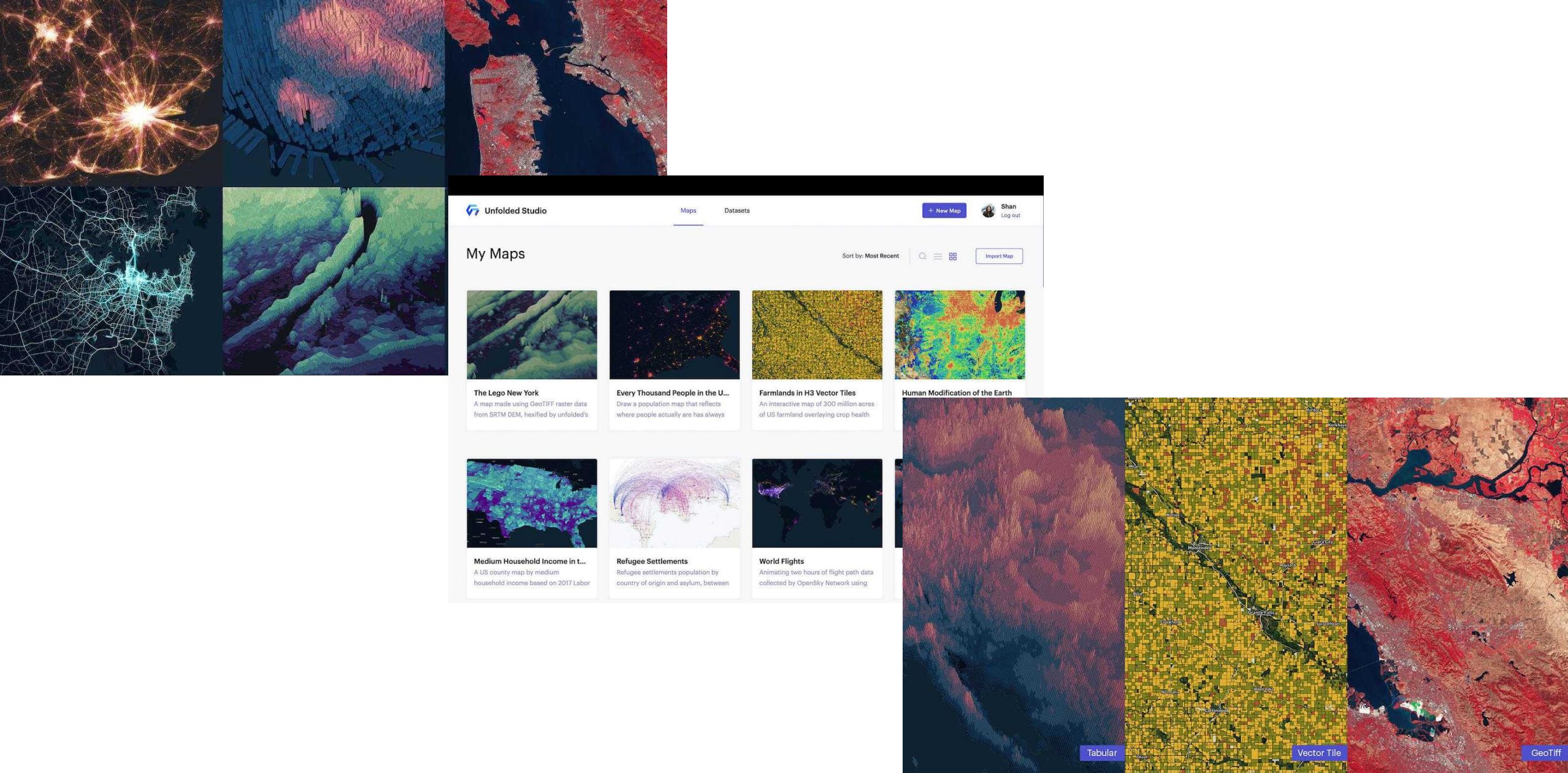


https://twitter.com/alex_radch/status/1255912096266682368

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

Unfolded.ai

платформа для геопространственной аналитики и визуализации



X

Add Data to Map

Upload

My Datasets

Data Catalog

Add one or more files to the map. Supported formats include **CSV**, **JSON**, **GeoJSON**, and **Shapefiles**, or ZIP files containing files in these formats. [See Guide](#)



Drag & drop your file(s) here, [Browse](#), or

Enter your dataset URL

Submit

0 Dataset (s) selected

Cancel

Add Data

Untitled



Datasets (0)

+ Add Data

[Upload data file or try from our data catalog](#)

Layers

+ Add Layer

Layer Blending

normal

Untitled



Interactions

Tooltip



Comparison Mode



Comparison Type

Absolute

Geocoder



Brush



Coordinates



Untitled



Base Map

+ Add Map Style

Map Style



Dark



Map Layers

Label



Road



Border



Building



Water



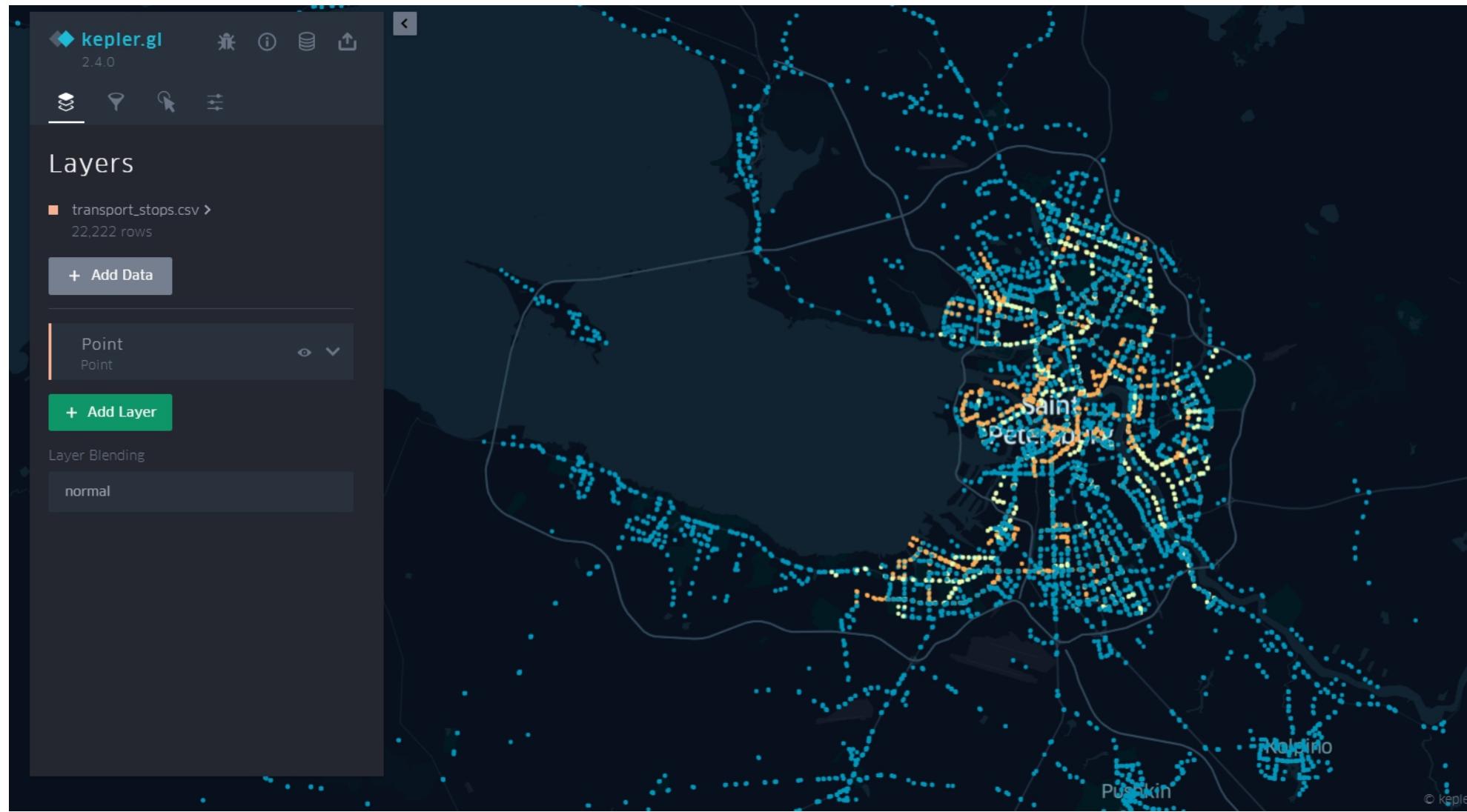
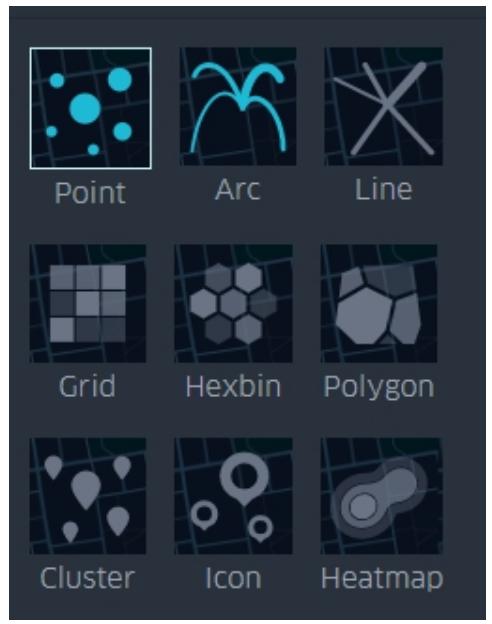
Land

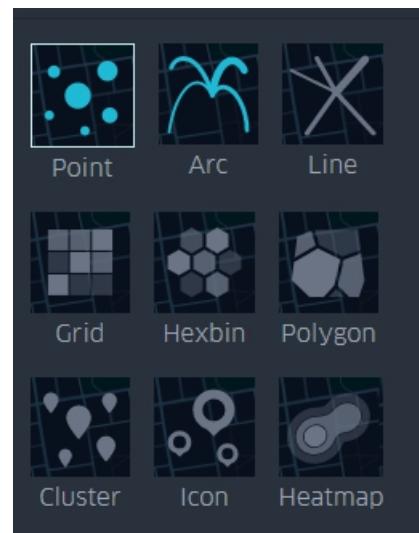


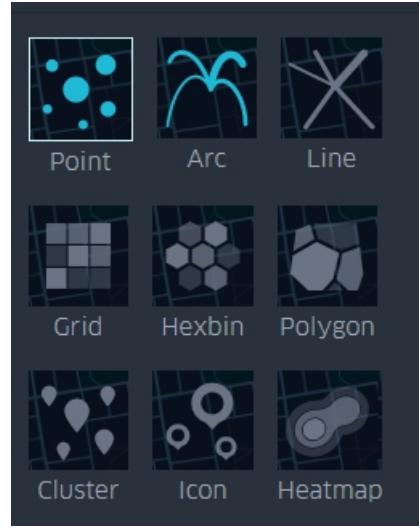
3d Building



3D Building Color







kepler.gl
2.4.0

Hexagon

| Basic

Hexbin

Columns Required*

Lat * float lat

Lon * float lon

| Color

Color scale: dark purple to yellow

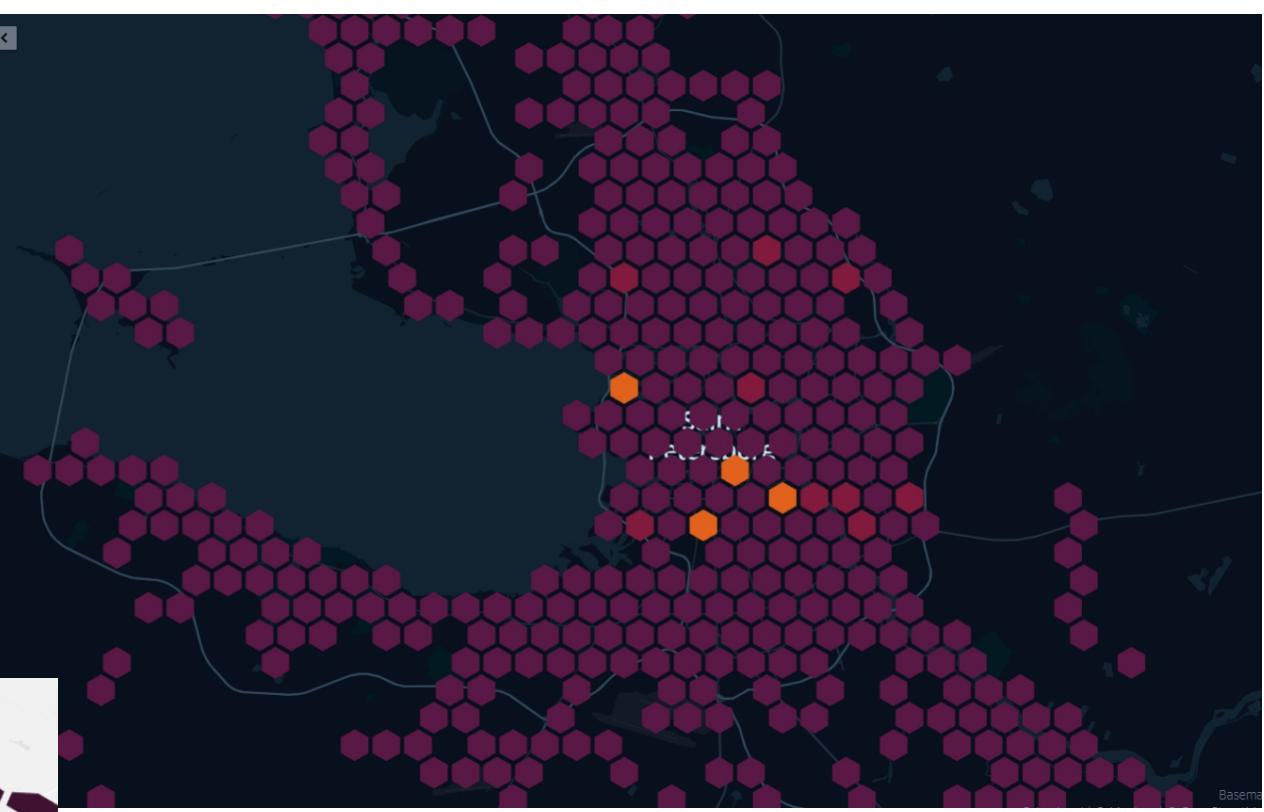
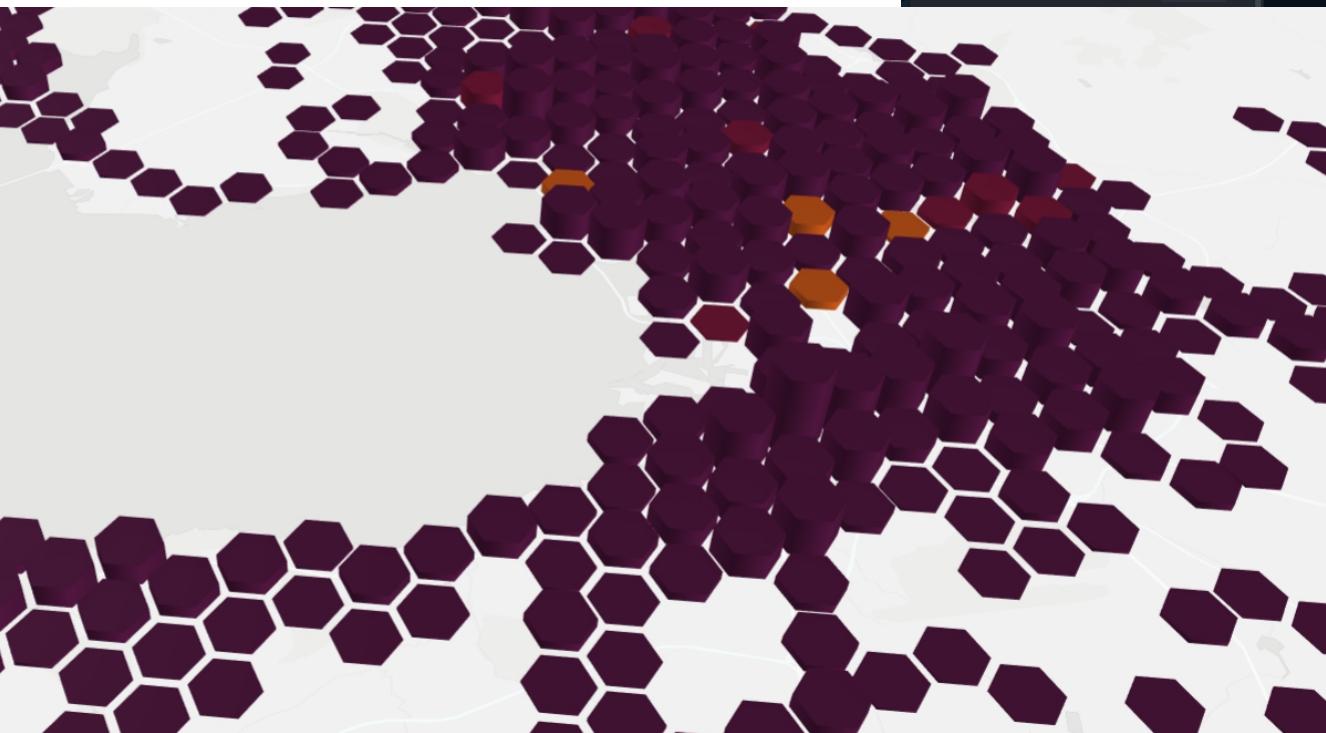
| Radius

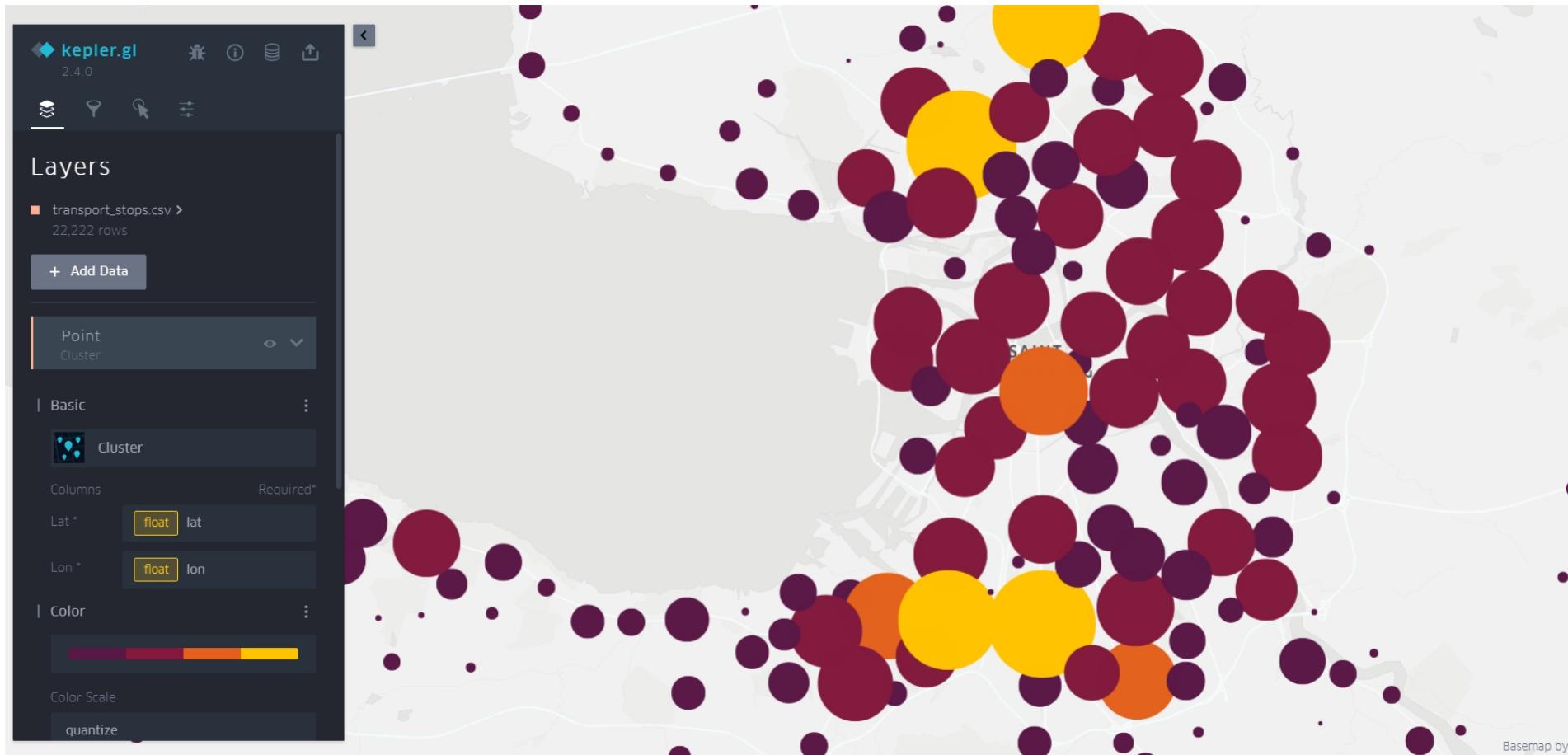
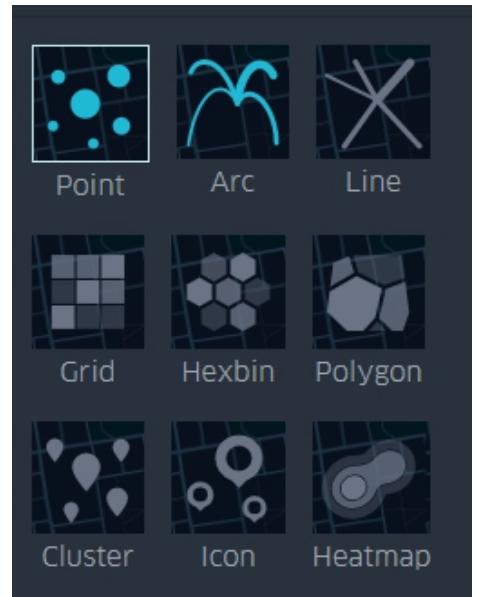
Hexagon Radius (Km)

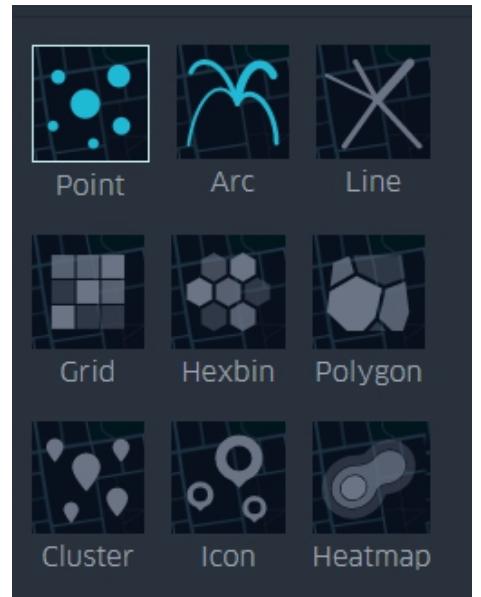
1

Coverage

0,87



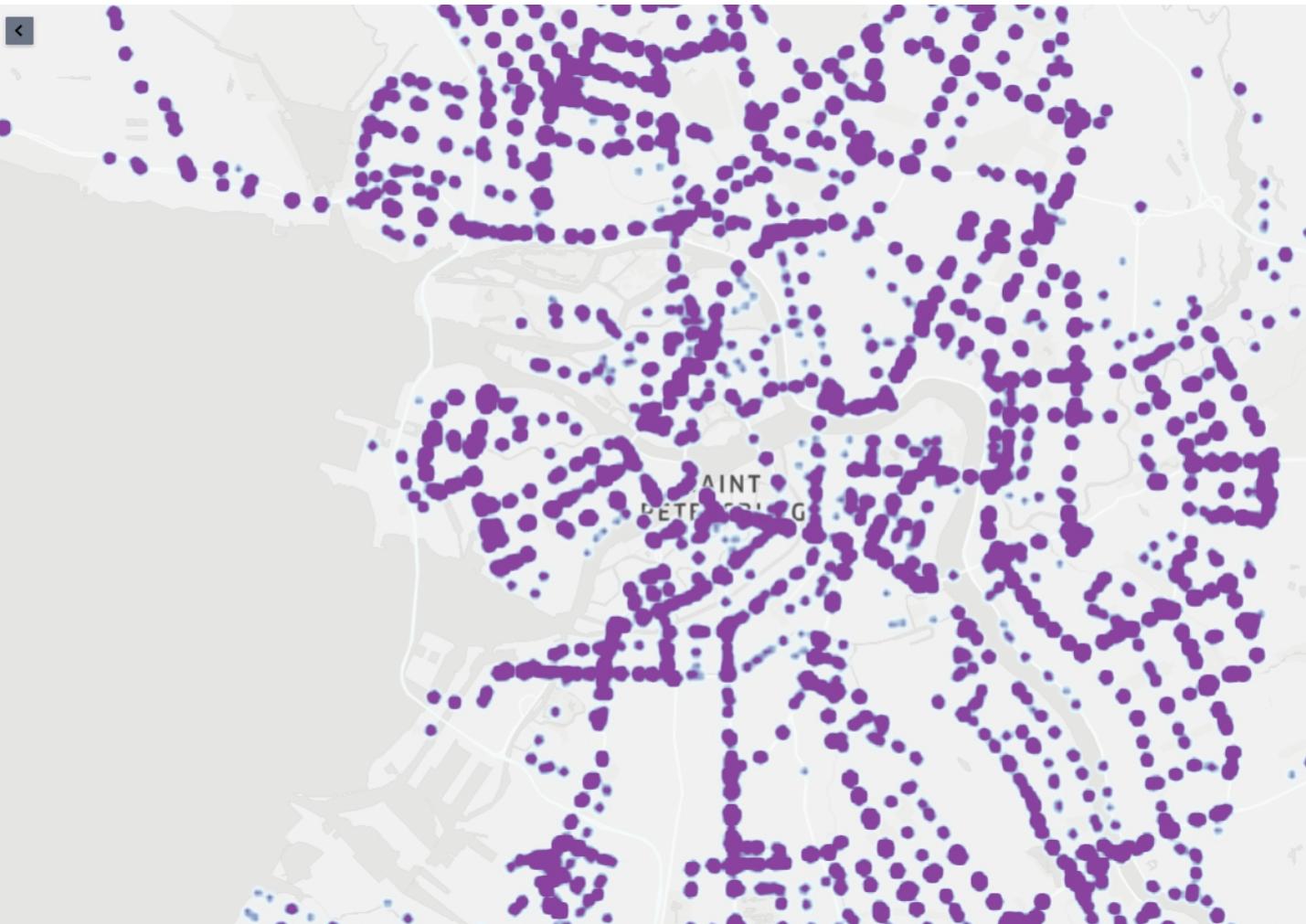


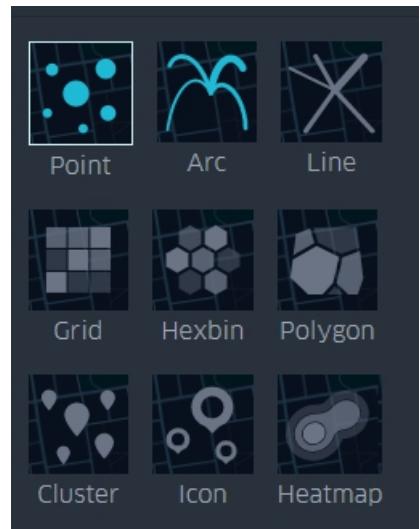
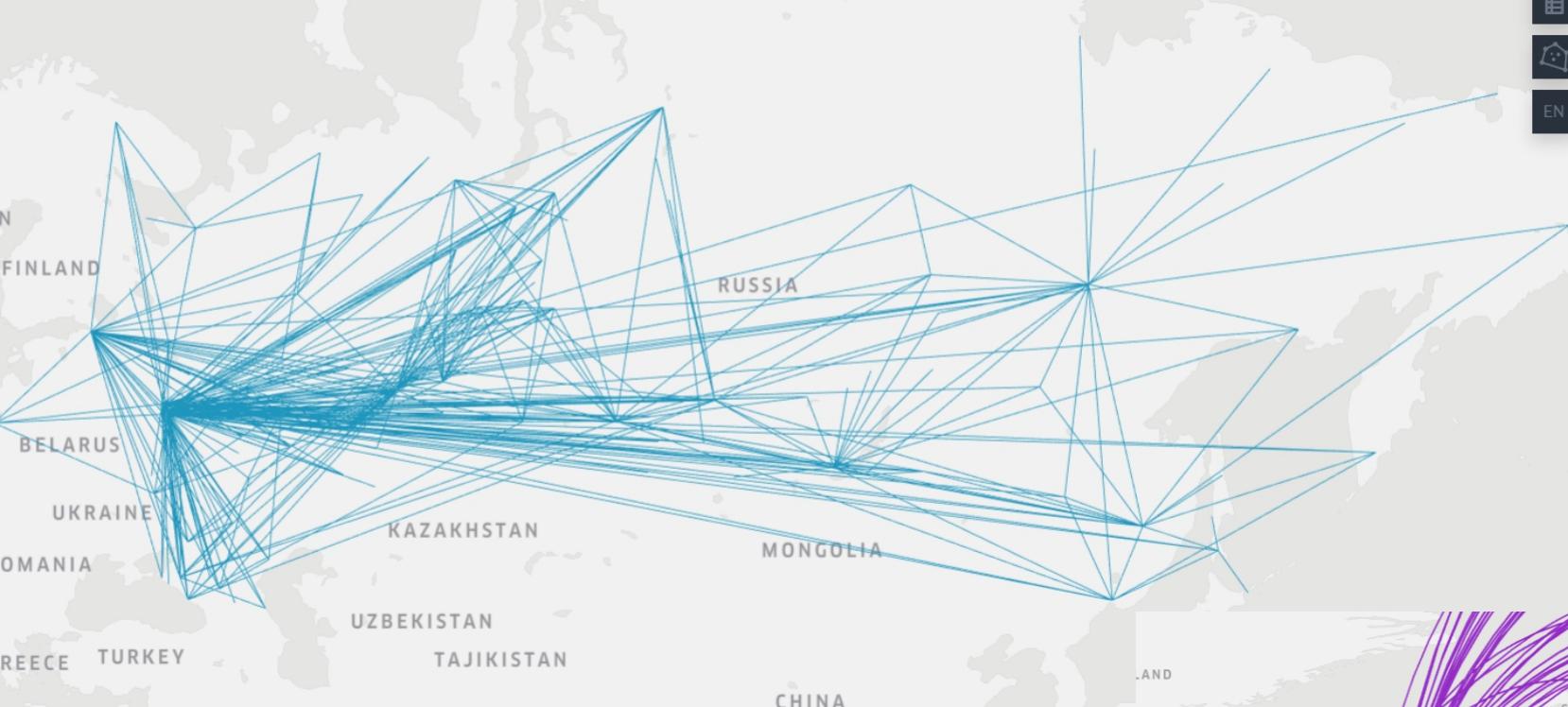


The screenshot shows the kepler.gl interface version 2.4.0. The left sidebar has a 'Point Heatmap' section selected. The main panel displays the 'Heatmap' configuration:

- Basic**:
 - Lat *: float lat
 - Lon *: float lon
- Color**: A color bar with a gradient from white to dark purple.
- Radius**: A slider set to 9,7.
- Weight**: Weight Based On: density.

At the bottom is a green button labeled '+ Add Layer'.







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