

Картография без специализированного программного обеспечения

SPB
DH
WEEK

Неделя цифровой
гуманитаристики
в Петербурге

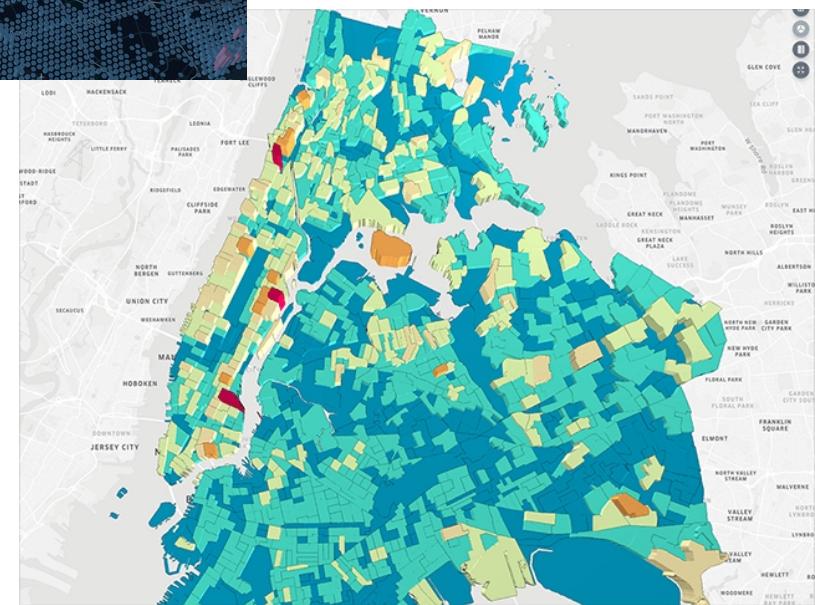
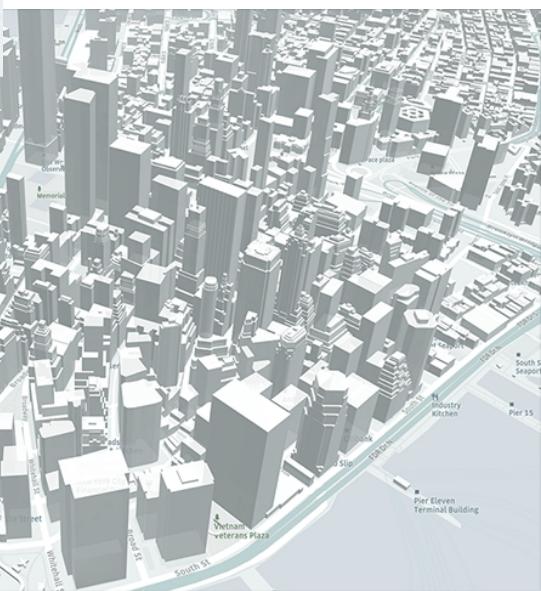
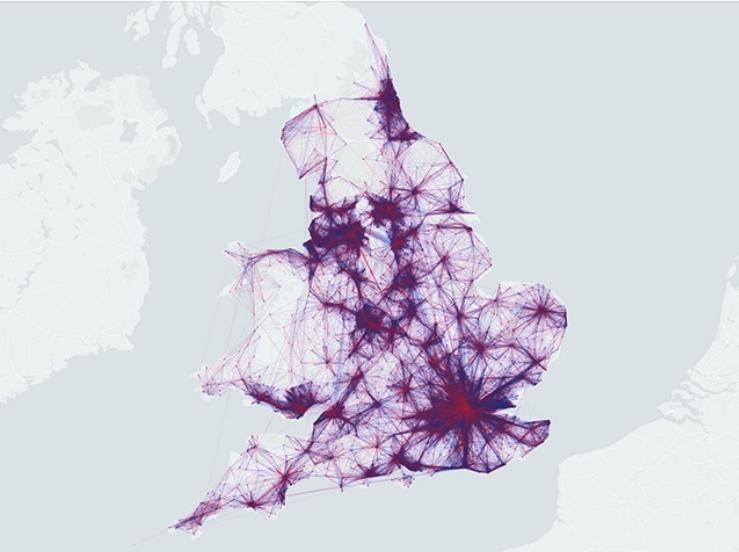
25-29 января
2021

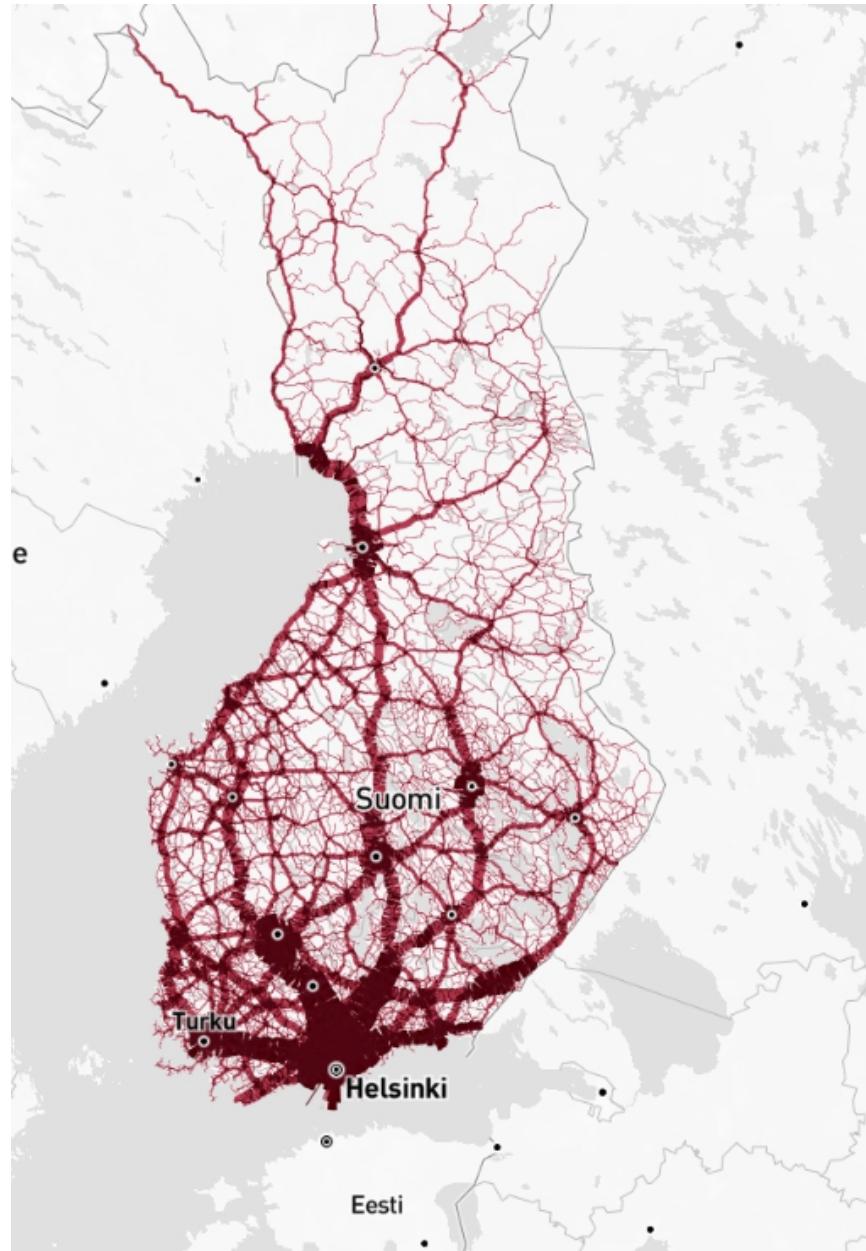
Татьяна Балтыжакова

Kepler.gl

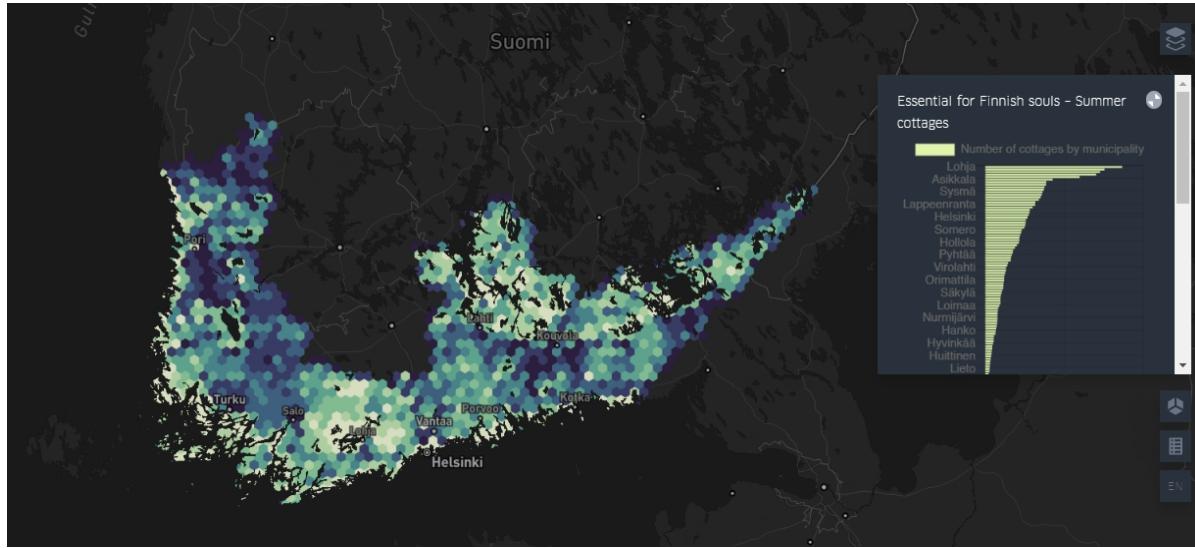
высокопроизводительное веб-приложение для визуального исследования крупномасштабных наборов данных геолокации.

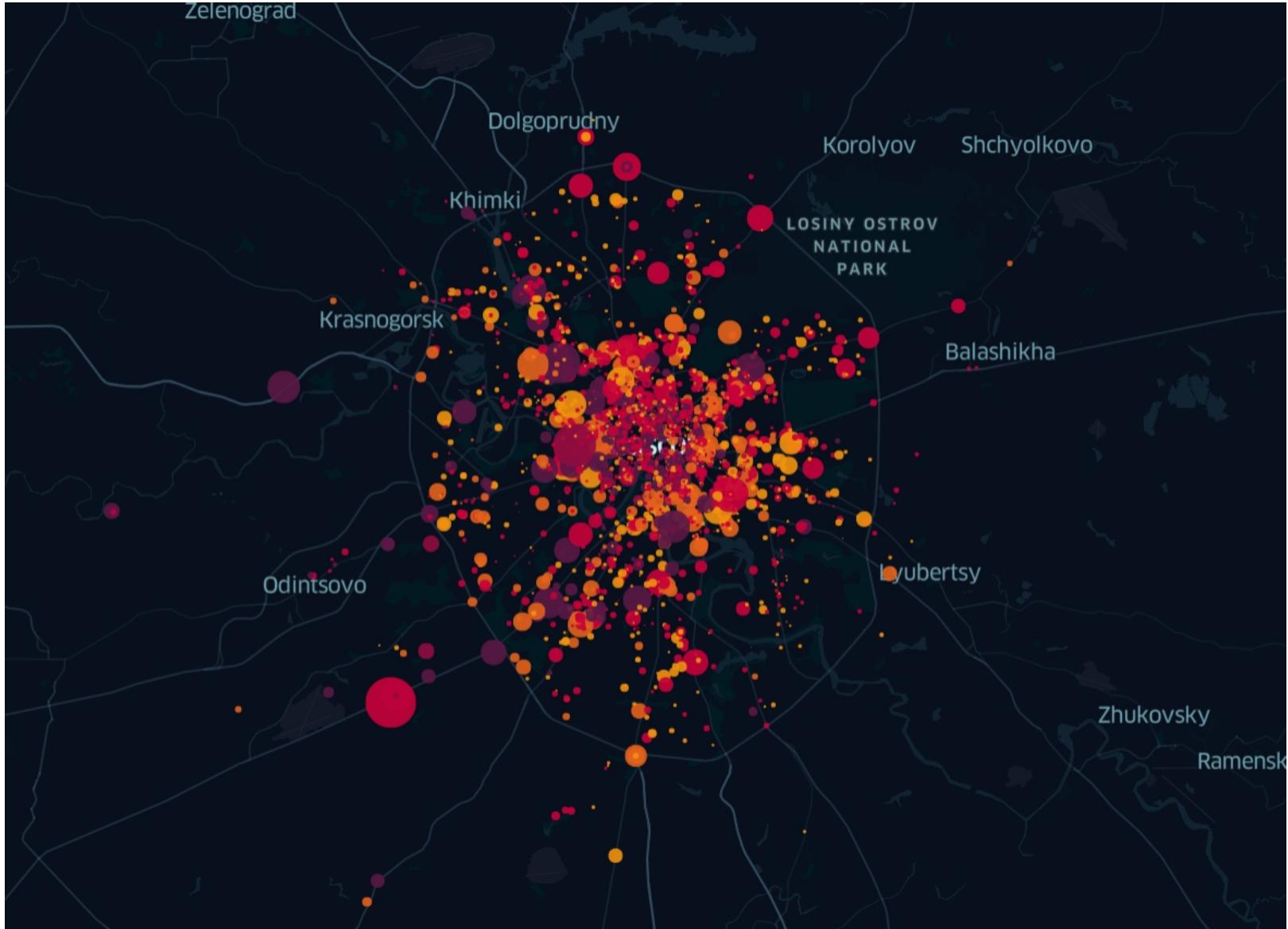
Созданный на основе Mapbox GL и deck.gl , kepler.gl может отображать большое количество данных и выполнять пространственное агрегирование на лету.





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



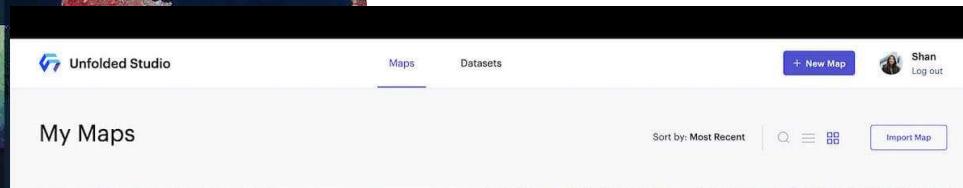
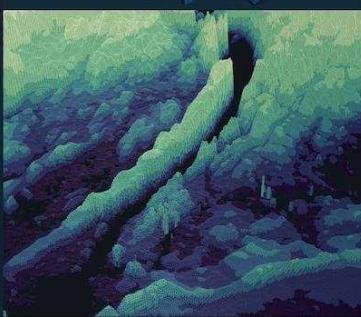
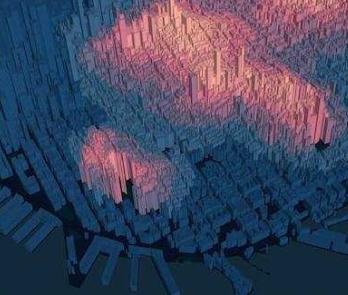
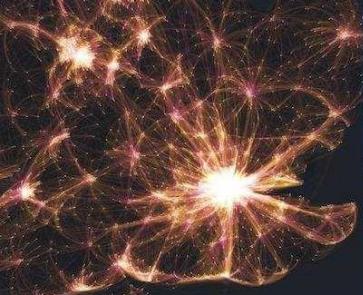


https://twitter.com/alex_radch/status/1255912096266682368

<https://kepler.gl/demo/map/carto?mapId=71dc80ec-30ae-457e-d5ae-8e72a285a02f&owner=alexradchenko&privateMap=false>

Unfolded.ai

платформа для геопространственной аналитики и визуализации



Unfolded Studio

Maps Datasets

Shan Log out

+ New Map Import Map

Sort by: Most Recent

My Maps

The Lego New York

A map made using GeoTIFF raster data from SRTM DEM, hexified by unfolded's

Every Thousand People in the U...

Draw a population map that reflects where people actually are has always

Farmlands in H3 Vector Tiles

An interactive map of 300 million acres of US farmland overlaying crop health

Human Modification of the Earth

Medium Household Income in t...

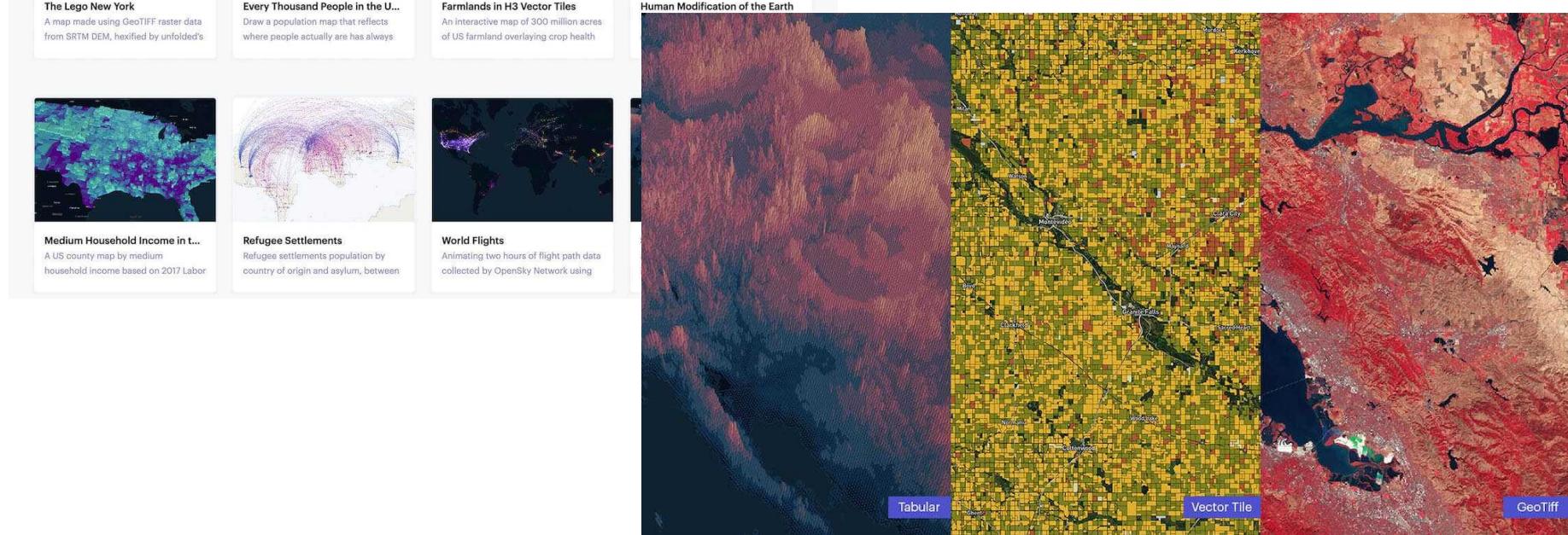
A US county map by medium household income based on 2017 Labor

Refugee Settlements

Refugee settlements population by country of origin and asylum, between

World Flights

Animating two hours of flight path data collected by OpenSky Network using



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



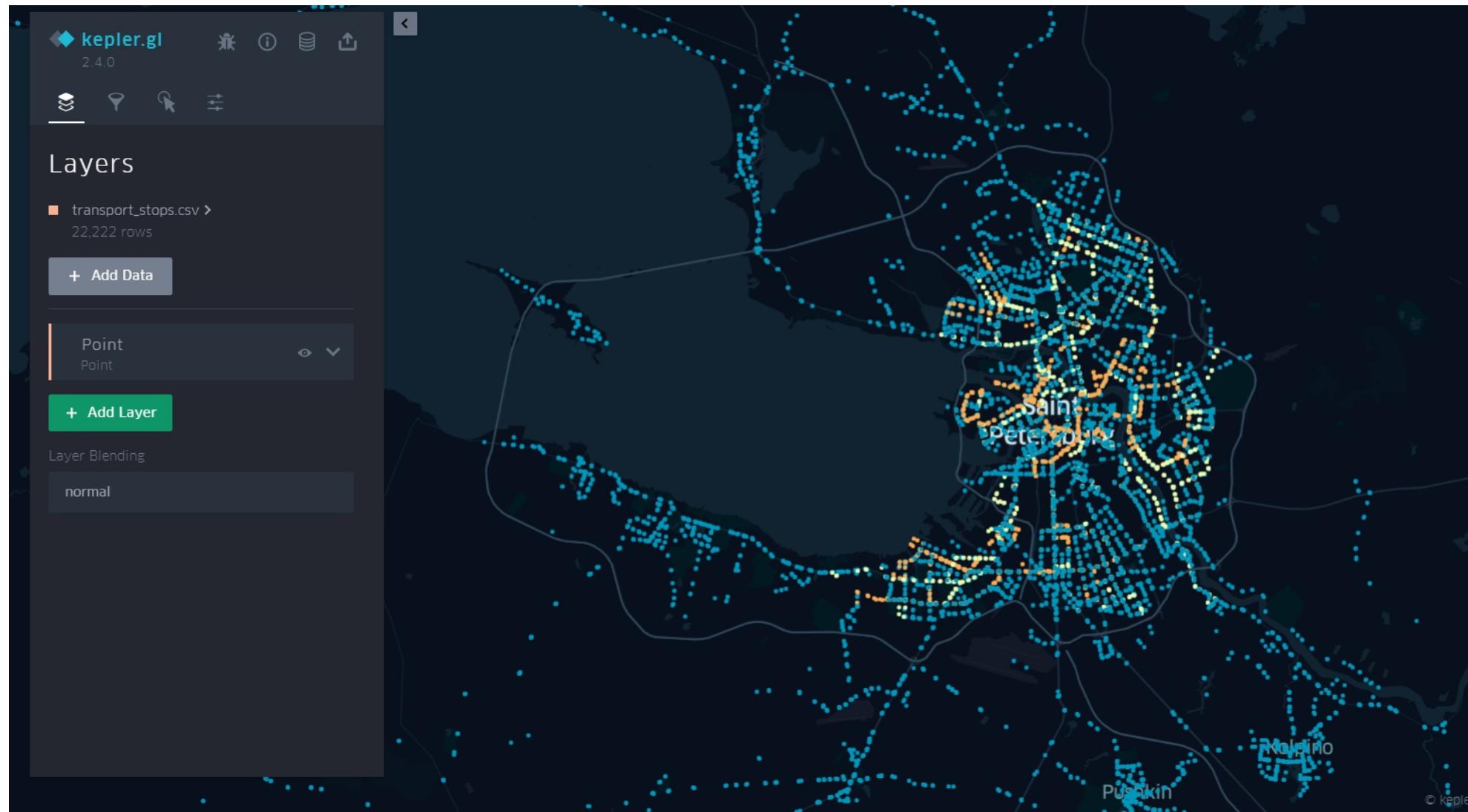
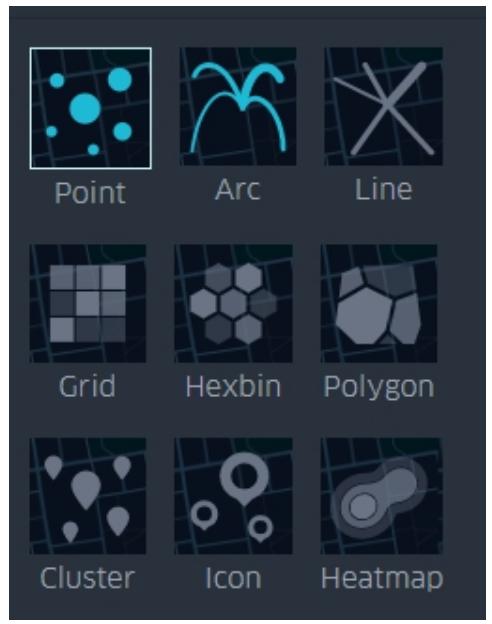
Land

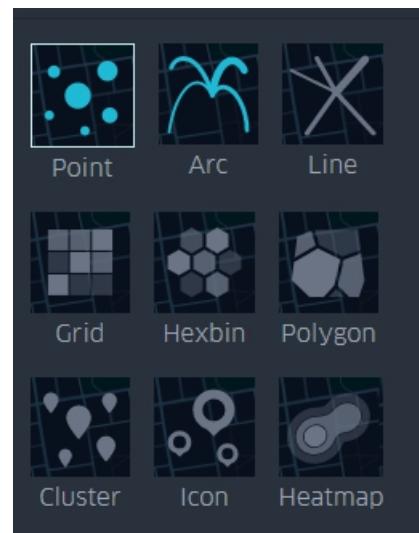


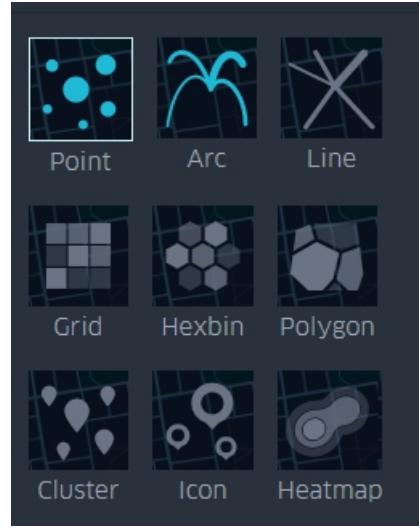
3d Building



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

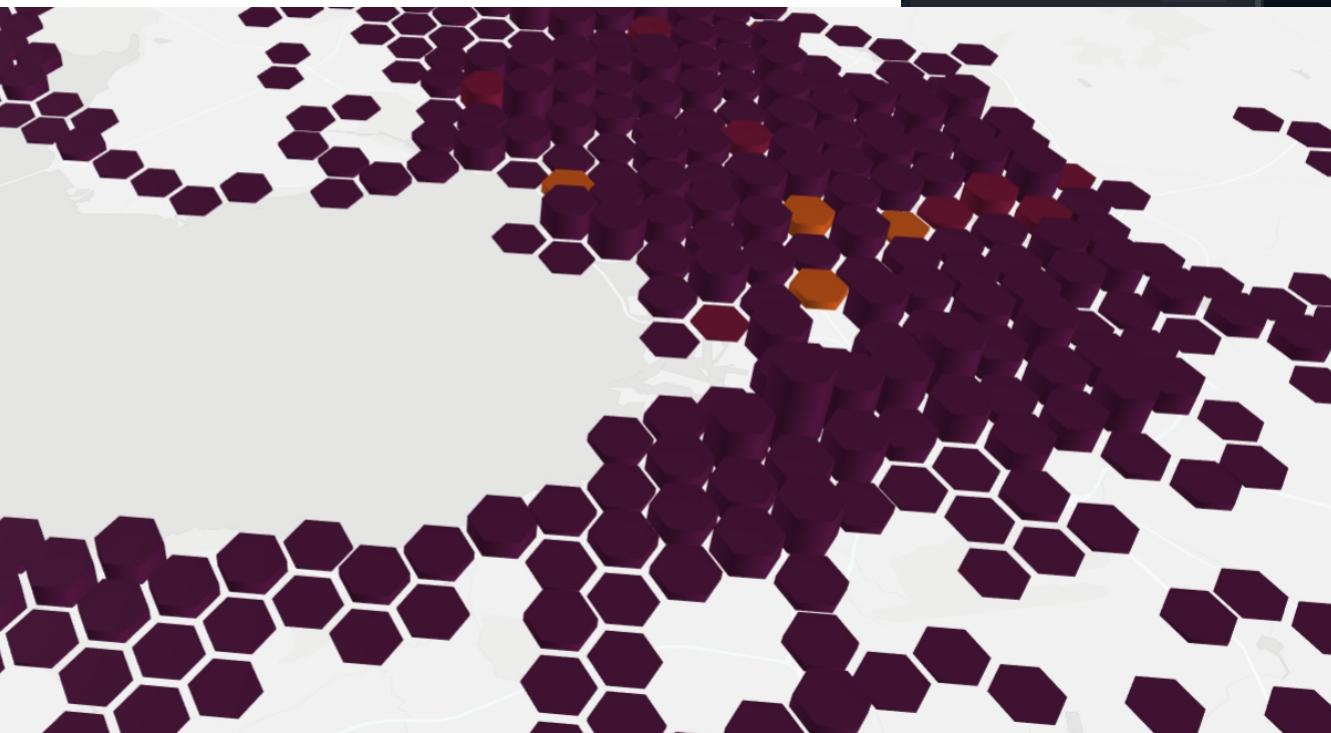
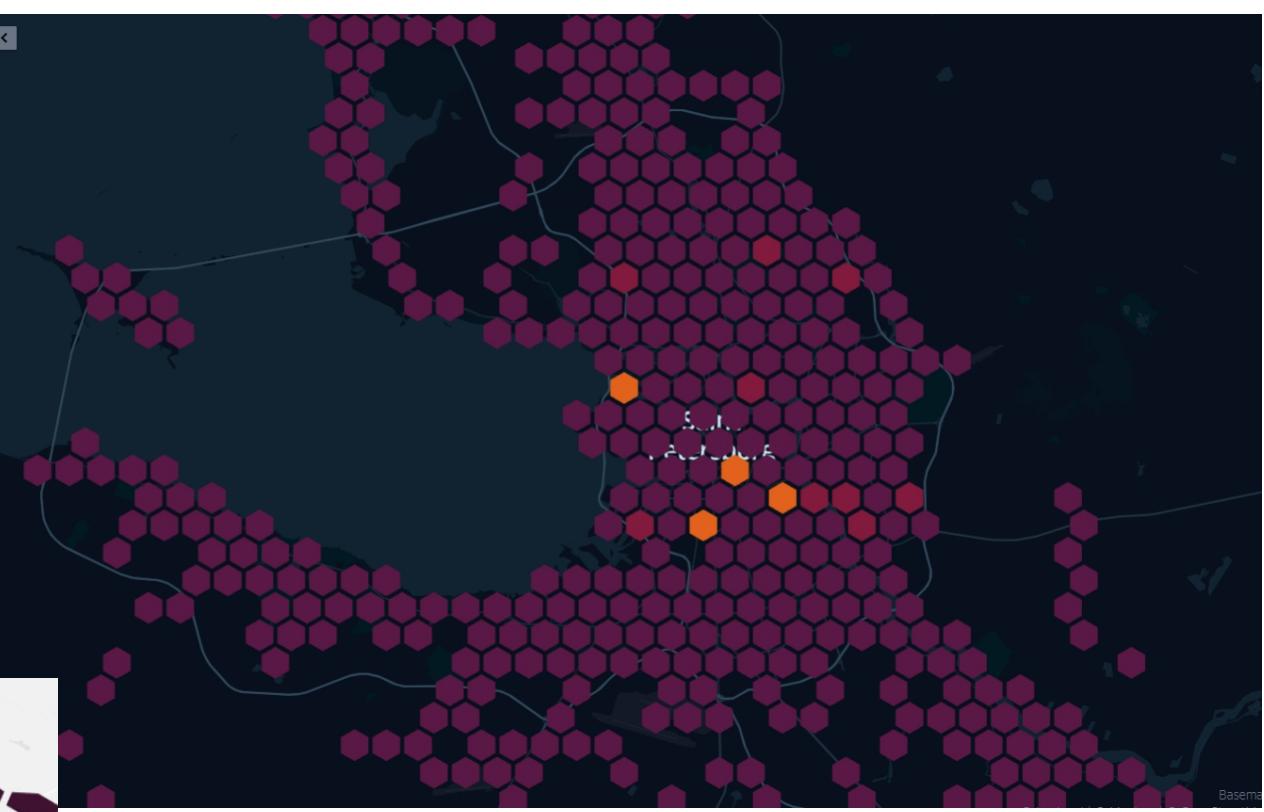
| Radius

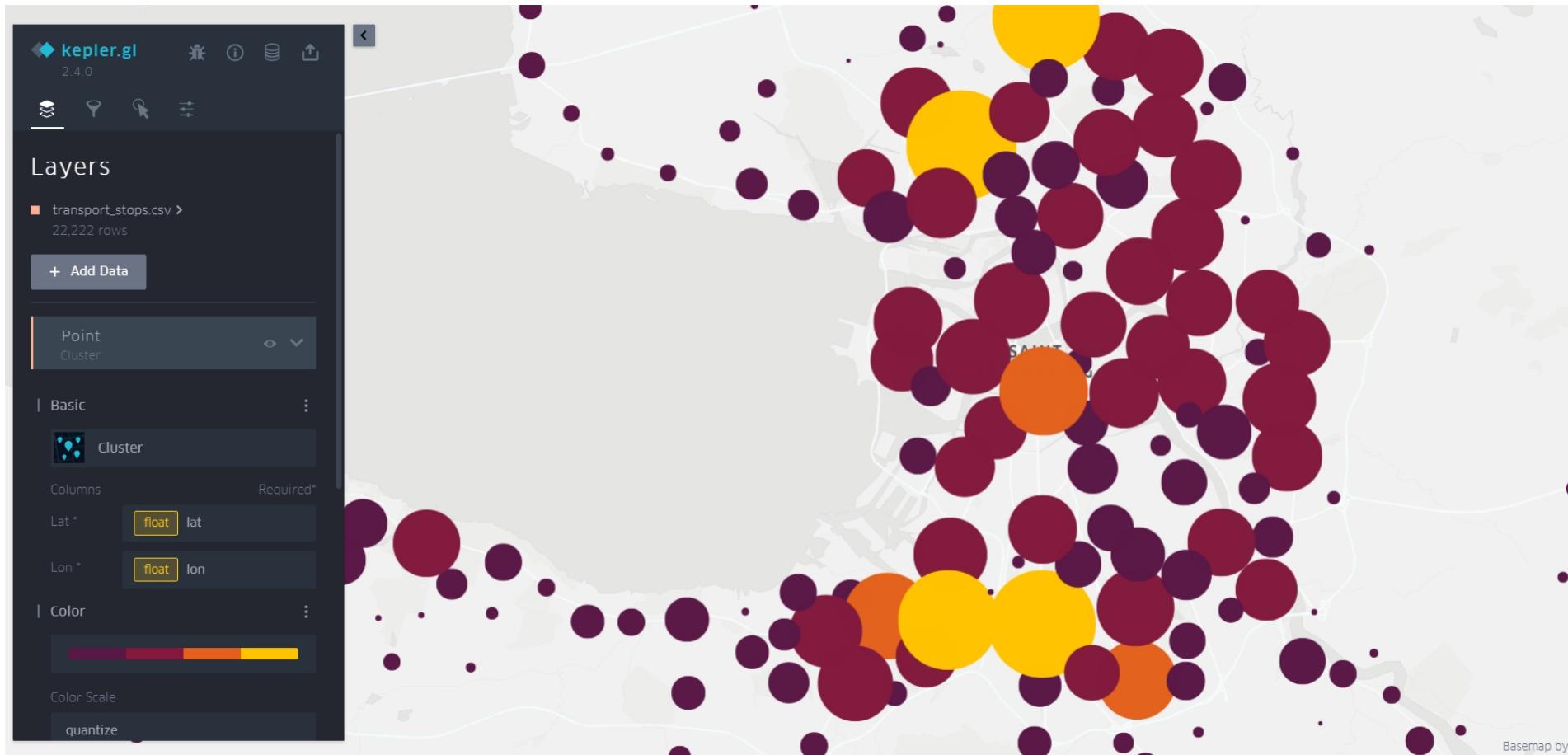
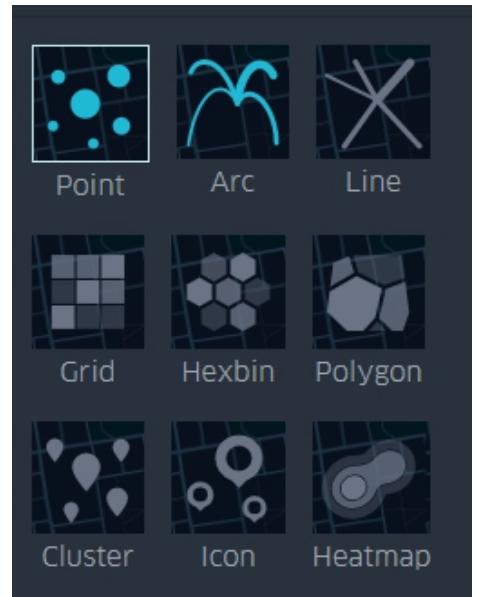
Hexagon Radius (Km)

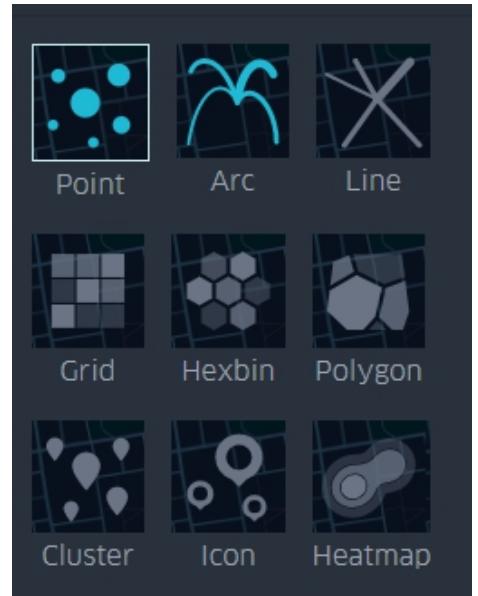
1

Coverage

0,87



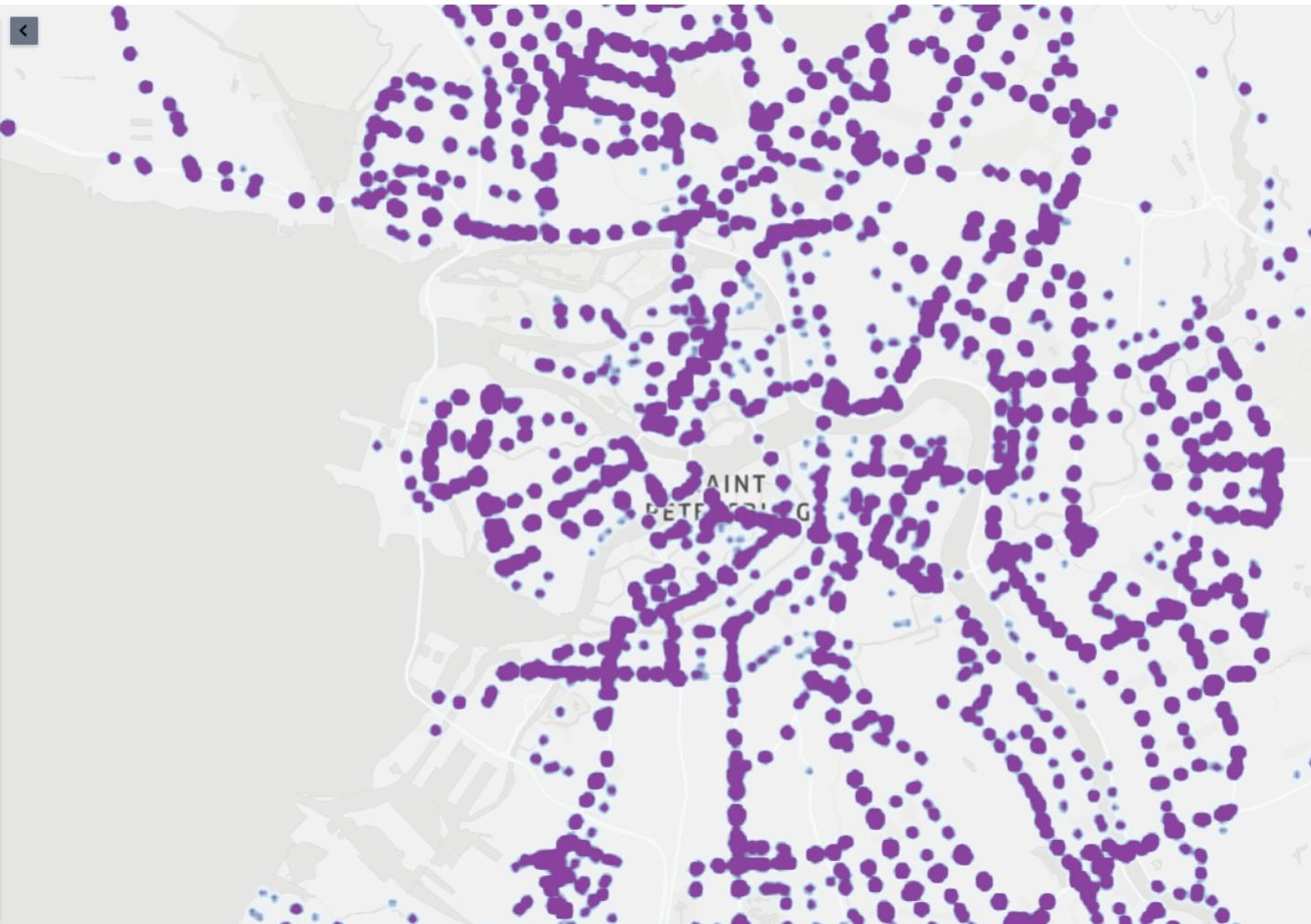


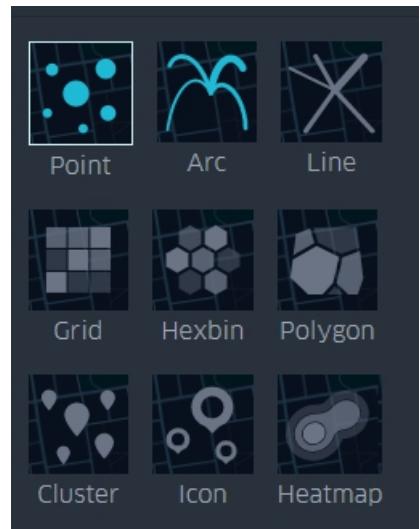
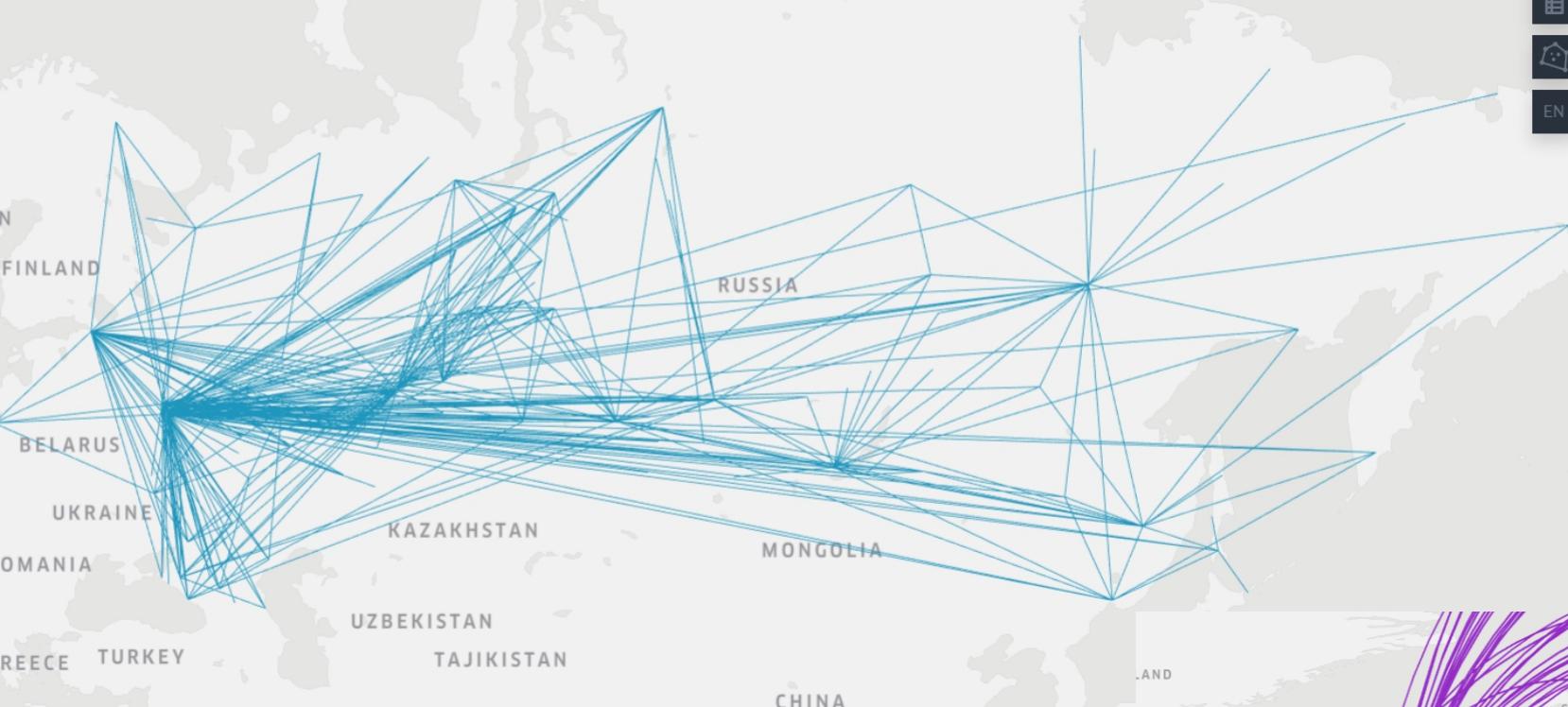


The screenshot shows the kepler.gl interface version 2.4.0. The left sidebar has a 'Point Heatmap' section selected. The main configuration area is for 'Heatmap' with the following settings:

- Columns**:
 - 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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25-29 января
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