



👤 rishabh-mishra ▼

Course > Course 5: Data Visualization with Python >
Module 2: Types of Visualization Tools: Basic and Specialized >
Reading: Describe Creating Maps and Visualizing Geospatial Data

Reading: Describe Creating Maps and Visualizing Geospatial Data

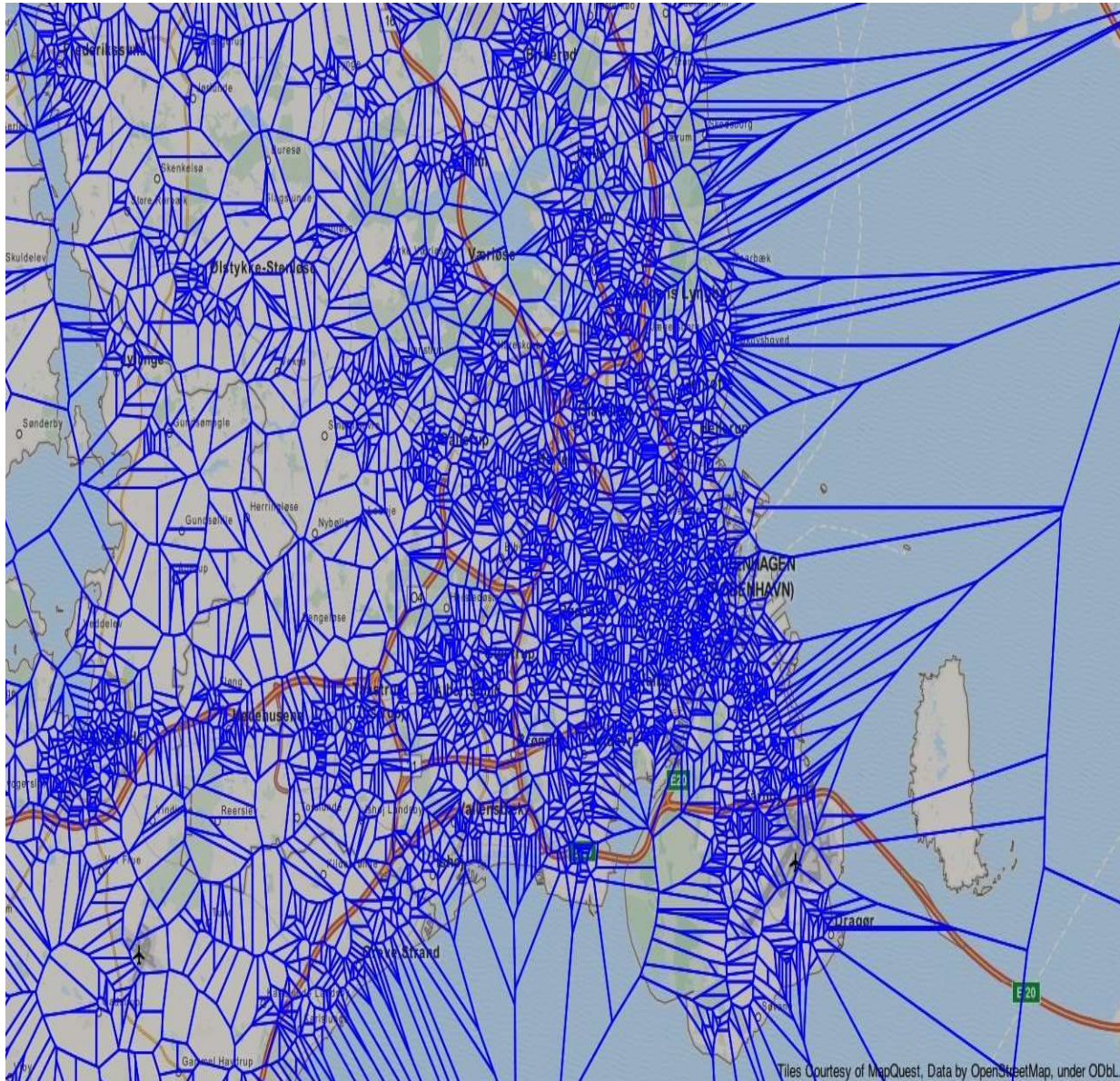
🔖 Bookmark this page

In this next section, we will describe creating maps and visualizing geospatial data. To do this we will look at geoplotlib.

As you work in data visualization, you will come across the need to represent your data on a map. There are specialized tools available to assist with building this type of visualization along with many different chart types available.

geoplotlib is an open-source Python toolbox for visualizing geographical data. According to Andrea Cuttone, et al., the creator of the software, “geoplotlib supports the development of hardware-accelerated interactive visualizations in pure python, and provides implementations of dot maps, kernel density estimation, spatial graphs, Voronoi tessellation, shapefiles and many more common spatial visualizations.”

geoplotlib can create a dot map, 2D histogram, heatmap, map with markers, spatial graph, Voronoi tessellation, Delaunay triangulation, convex hull, shapefiles, and GeoJSON. An example of a Voronoi tessellation is pictured below:



[Click here to learn more about geoplotlib.](#)

Now that we've covered the foundations of data visualization, in the next module, we will move onto actually building some visualizations using sample data.

We have highly skilled mentors to support one-one mentoring and forum-based interaction on **Questionsly**.



In today's modern age of disruption, SkillUp Online is your ideal learning platform that enables you to upskill to the most in-demand technology skills like Data Science, Big Data, Artificial Intelligence, Cloud, Front-End Development, DevOps & many more. In your journey of evolution as a technologist, SkillUp Online helps you work smarter, get to your career goals faster and create an exciting technology led future.

Corporate

- ▶ [Home](#)
- ▶ [About Us](#)
- ▶ [Enterprise](#)
- ▶ [Blog](#)
- ▶ [Press](#)

Support

- ▶ [Contact us](#)
- ▶ [Terms of Service](#)
- ▶ [Privacy Policy](#)

Copyright ©2020 [Skillup](#). All Rights Reserved