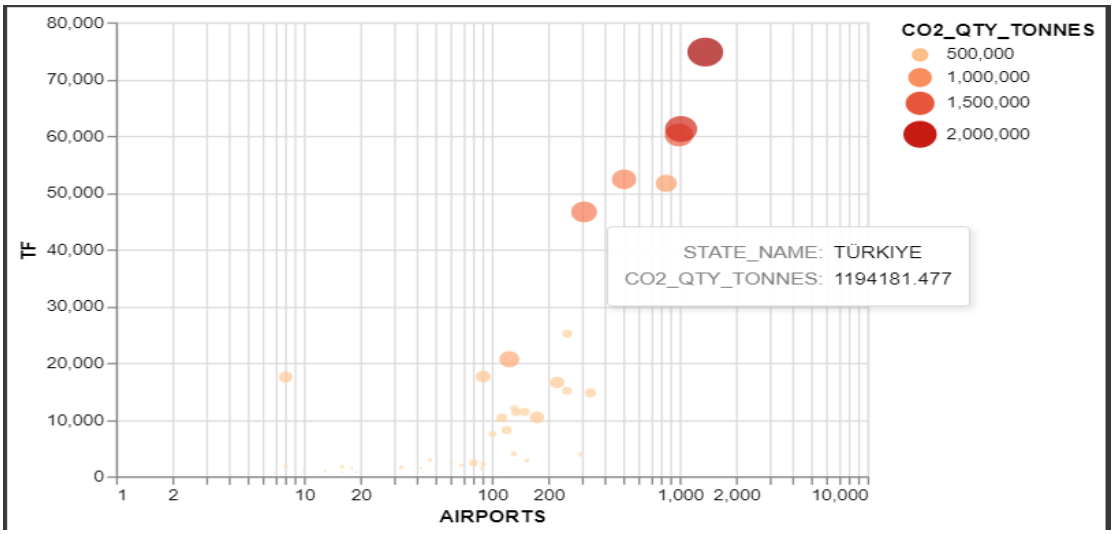
Goal:

The goal of this Visualization is to identify the Co2 emission in the Europe in term of the frequency of flights and airports. For this visualization I am using color channel and size channel for the encoding the emission of the Co2 using the frequency of flights and number of. The marks used for this are points on the bubble plot.

Image of Visualization:



Data Abstraction:

The preprocessed data for this visualization is of table dataset type. The datatypes are attributes. The attribute types are categorical and quantitative. Any domain with the same dataset type can map its data for this kind of visualization.

Task Abstraction:

The viewer should identify the points on the char and may lookup the values on axis. The targets have multiple attributes with dependency among them,

Insights:

There is greater amount of Co2 emission in the countries with greater number of flights and airports it is clearly visible that the UK and Germany are at top for the emission of Co2 and has large number of flights and airports than the rest of Europe.

Additional Dataset:

The additional data set for the Co2 emission by each state in Europe is https://ansperformance.eu/reference/dataset/emissions/ it with the original airport data set which was used to identify the number of airports in each country in Europe.