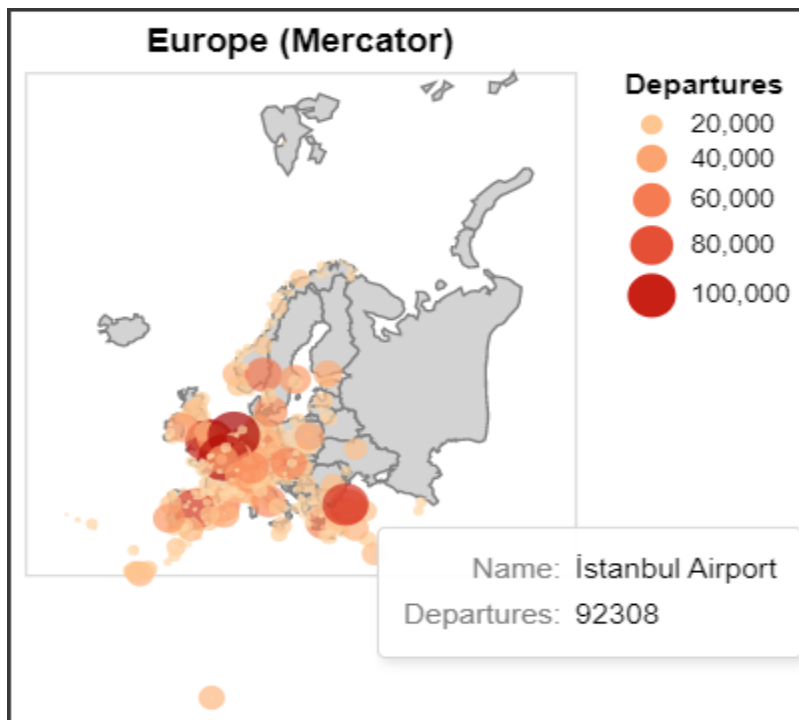**Goal:**

The goal of this visualization is to identify the busiest airports in Europe region in term of the number of departures in the airport. I have used geo space and point marks. The encoding channels used are color and size. They are used to encode the frequency of the departures. When the user hover over the map it will show user the name of airport along with the departures.

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, quantitative and positions. Any domain with the same dataset type can map its data for this kind of visualization.

Task Abstraction: The user needs to lookup for the points and identify the trends.

Insights:

It is obvious from the visualization LHR is the busies airport in the Europe. All the countries in the Europe having high tourism have the large number of flights.

Additional Dataset:

Airport Traffic Dataset | Aviation Intelligence Unit Portal (ansperformance.eu) This data set is used to calculate the departures on each airport and map that with the open flight data set.