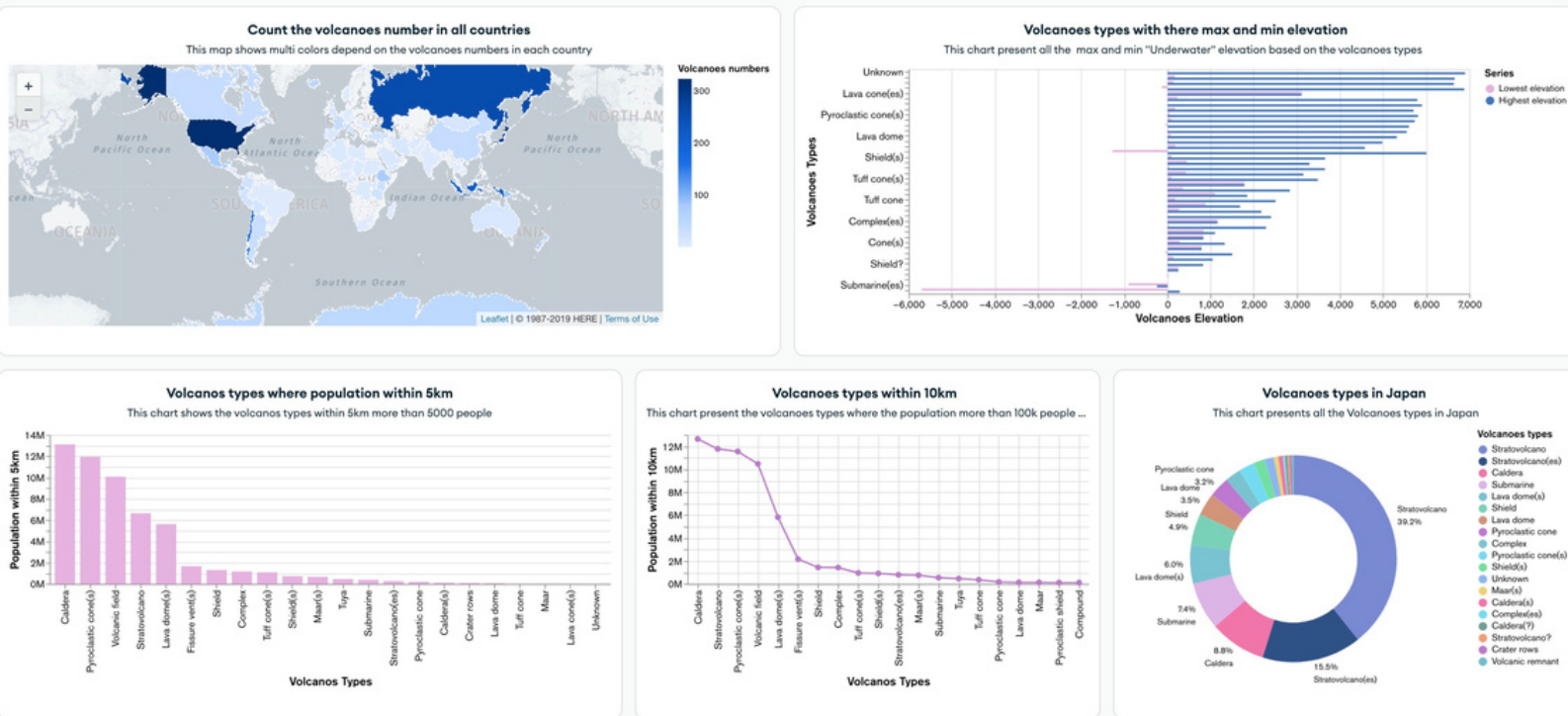


DAQUEST  
TEAM



**DASHBOARD**  
INSIGHTS

## OUR DASHBOARD



THE DASHBOARD LINK:

<https://charts.mongodb.com/charts-project-0-qtxdi/public/dashboards/61d473cf-133b-4330-84e1-410106fa99ad>

## BUSINESS INSIGHTS

### Count the number of volcanoes in all counties:

This map displays the locations of all volcanoes; the data is presented using the country and volcano name columns. The number of volcanoes is high where the location is darker, such as in the US, and lighter when the number of volcanoes is low in a certain country, such as Brazil and Africa.

### Volcanos types in Japan:

All of the volcanos in Japan are shown in this Donut graph using the country column, and volcano types column. Based on the chart the three most common volcano types in Japan were Stratovolcano (39.2%), Stratovolcano(es) (15.5%), and Caldera (8.8%).

### **Volcanoes types with 10km:**

In this chart, we used Two columns (Volcanos Types, Population within 10 km).The aim of this chart we want to get all volcanoes where the population within 10 km is more than 100 thousand people. Based on the chart the result is Caldera type is the highest population with a value of 12.5 million and the lowest population are Lava dome, Pyroclastic shield, and Maar type with a value of 0.5 M.

### **Volcanoes types where a population within 5km:**

In this chart, we used Two columns (Volcanos Types, Population within 5km).The aim of this chart we want to get all volcanoes where the population within 5 km is more than 5 thousand people. Based on the chart the result is Caldera type is the highest population with a value of 13 million and the lowest population is the Tuff cone and Maar type with a value of 0 M.

### **Volcanoes types with their max and min elevation:**

The highest and lowest elevations of each volcano type are shown in this grouped graph using the volcano type column, highest elevation, and lowest elevation. Since there are eleven different varieties, some of them occur on land, others underwater, and some occur in both. So, the unknown type has the highest length within 7880 meters and the lowest elevation of 5700 meters under the water in the submarine type.