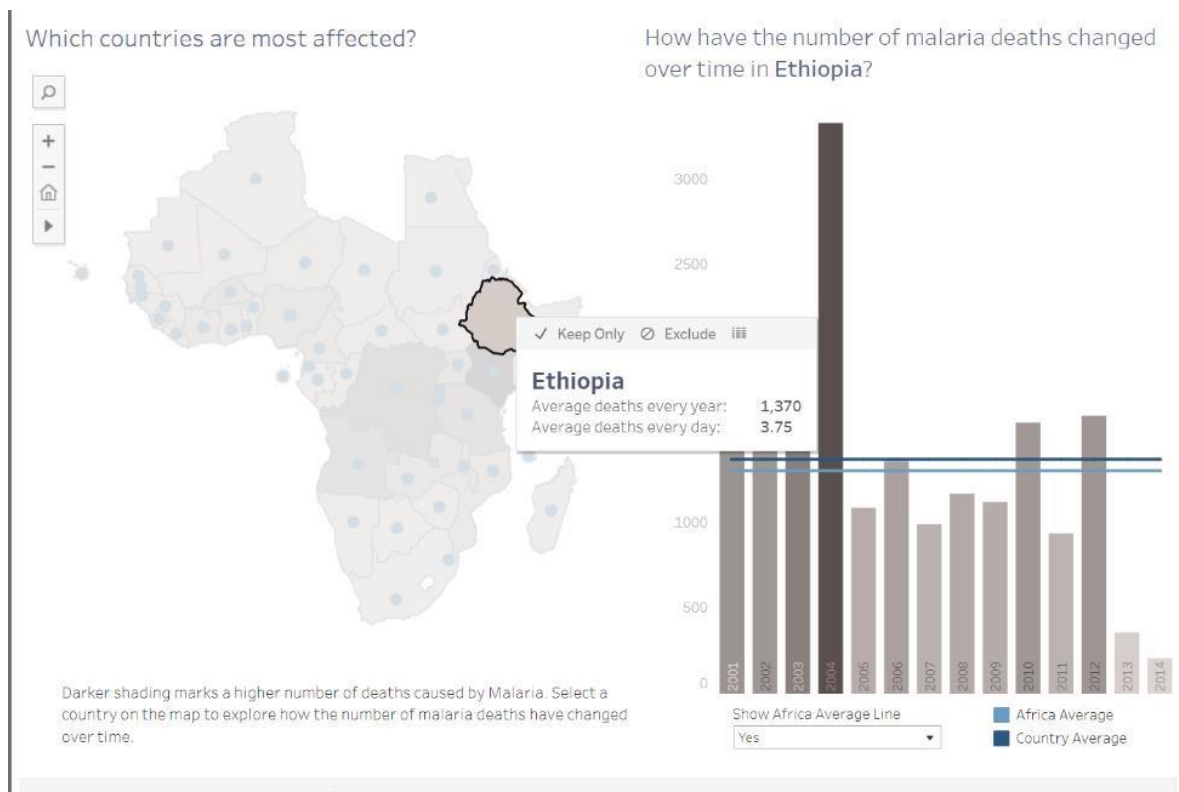


Project 1 Interpret a Data Visualization

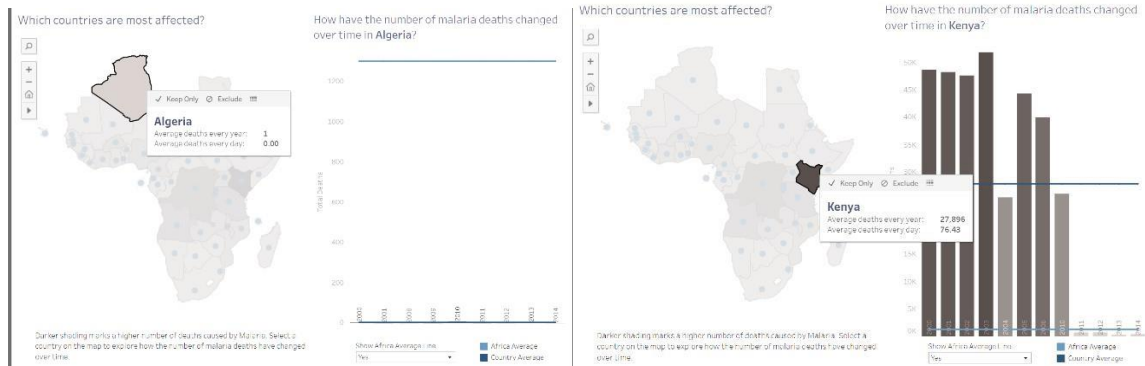
Malaria in Africa

1. Insight 1 - Deaths in Ethiopia due to Malaria



- On the dashboard, I clicked Ethiopia from the map and this showed me that the average deaths every year in Ethiopia is 1,370 which is very close to the average deaths every year in Africa.
- In year 2004 the deaths due to malaria increased very much (more than 3000) which is approximately double of year 2003.
- After the year 2012 there was a decrease in deaths with less than 500 deaths.

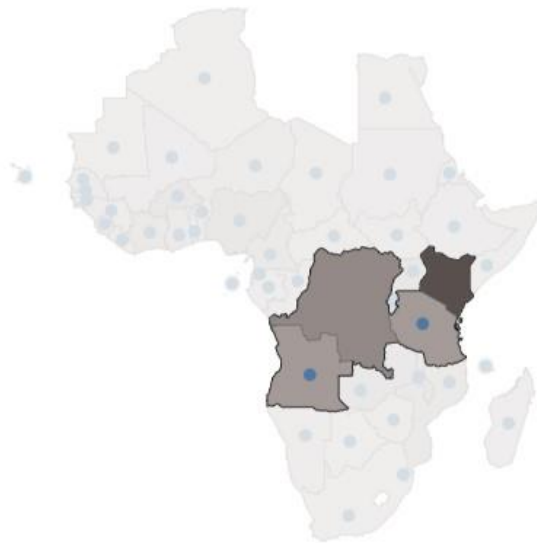
2. Insight 2 – Countries with highest and lowest deaths



- From the dashboard I analyzed the number of deaths in all African countries and found that “Algeria” has the lowest number of deaths and “Kenya” has highest number of deaths due to Malaria.
- After I clicked on Algeria it showed that the average deaths per year is only 1 and average deaths per day is 0, this shows that Algeria can be considered as malaria free country.
- The average deaths every year in Kenya is 27,869 times more than Algeria.
- In year 2003, the deaths in Kenya were more than 50,000 which is the highest number of deaths of all the years.

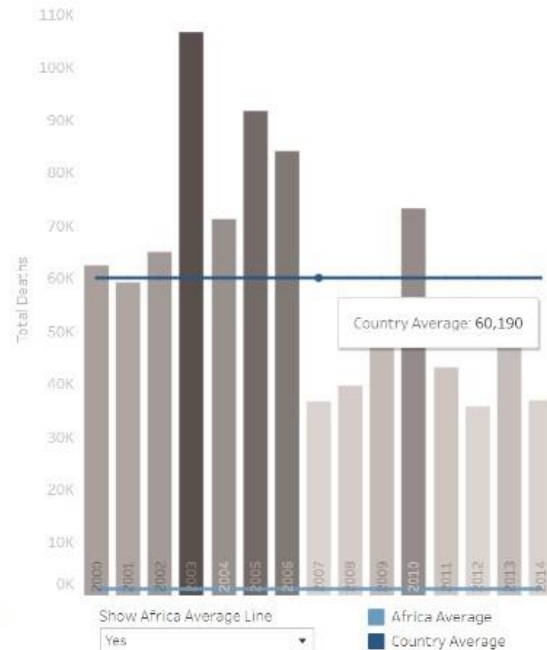
3. Insight 3 – Central African countries

Which countries are most affected?



Darker shading marks a higher number of deaths caused by Malaria. Select a country on the map to explore how the number of malaria deaths have changed over time.

How have the number of malaria deaths changed over time in Angola, Democratic Republic of the Congo, Kenya and 1 more?



- From the map I selected the Central African countries like Angola, Democratic republic of Congo, Kenya, and Tanzania. I found that these countries account for the majority of the deaths in Africa.
- It can be estimated that the management and control was very bad in these countries.
- The sum of average deaths per year of these countries is 60,190, which can be shown in the image that very much high from the average deaths per year of whole Africa.
- The deaths per year have decreased greatly post year 2006, but there are a few years like 2010 where number of deaths are high.