**MALARIA DATASET**

**INTRODUCTION:**

Explore the given dataset and analyze the number of deaths ,CFR caused by malarial diseases across the word and visualize the result .we have three datasets such as

* reported\_numbers.csv - Reported no. of cases across the world
* estimated\_numbers.csv - Estimated no of cases across the world
* incidenceper1000popat\_risk.csv - Incidence per 1000 people at risk area.

**DATASET:**

* Malaria is a life-threatening disease caused by parasites that are transmitted to people through the bites of infected female Anopheles mosquitoes.
* It is preventable and curable.
* In 2018, there were an estimated 228 million cases of malaria worldwide.
* The estimated number of malaria deaths stood at 405 000 in 2018.
* Children aged under 5 years are the most vulnerable group affected by malaria; in 2018, they accounted for 67% (272 000) of all malaria deaths worldwide.
* The WHO African Region carries a disproportionately high share of the global malaria burden.
* In 2018, the region was home to 93% of malaria cases and 94% of malaria deaths

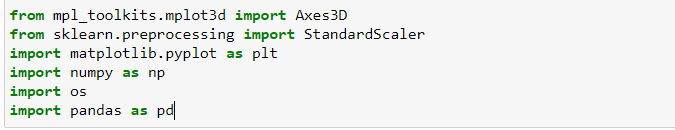
The **estimated\_numbers.csv** dataset gives the Estimated no of cases across the world contains the following country,region,year,no of deaths,no of cases ,WHO region etc.

**reported\_numbers.csv** datasetgives the reported no of cases across the world has contains 5 columns and they are Country,year,no of cases,no of deaths and WHO region.

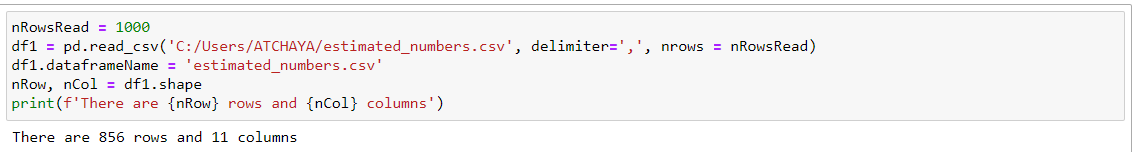
**incidenceper1000popat\_risk.csv** dataset gives Incidence per 1000 people at risk area has 4 columns and they are Country, year,no of cases and WHO region .

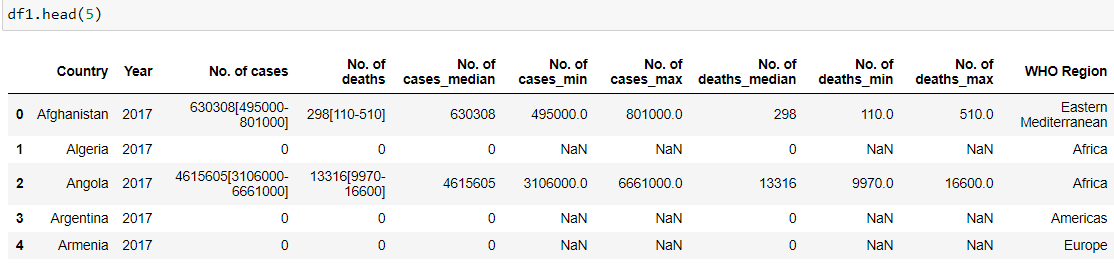
**SOLUTION:**

**Import the packages**



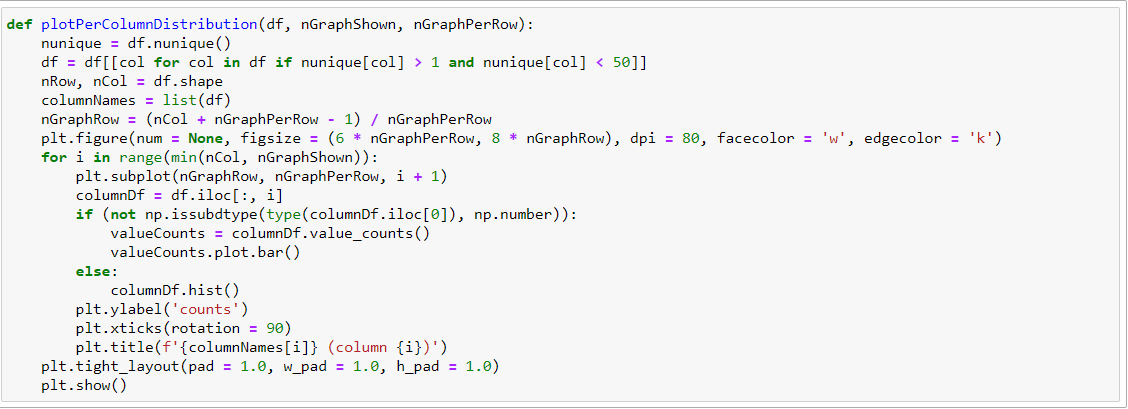
**Load the dataset**

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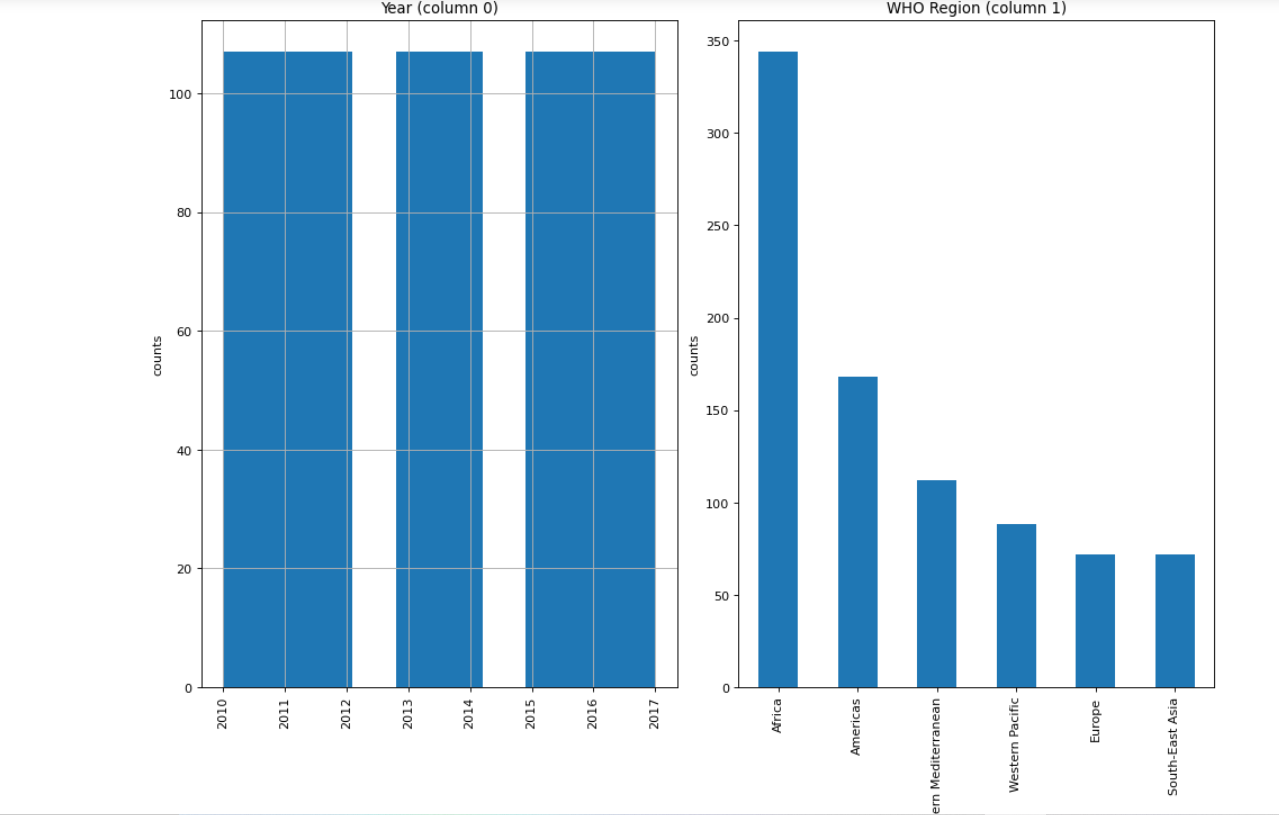
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**PLOTTING**

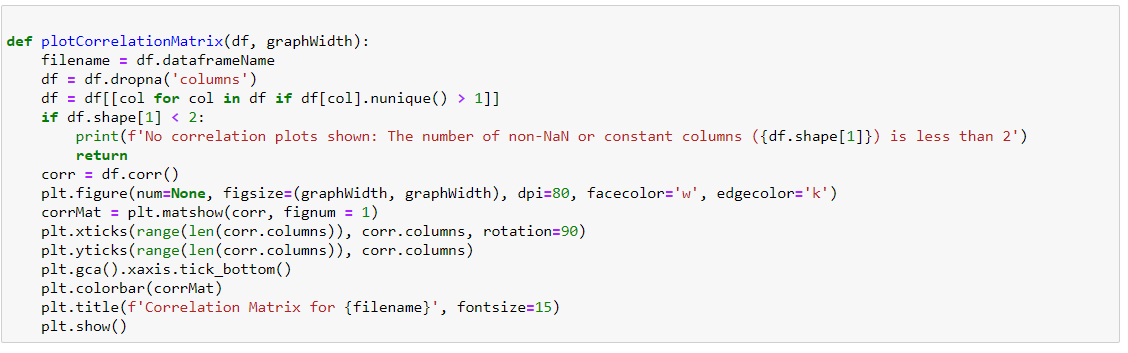
**Columndistribution plot**

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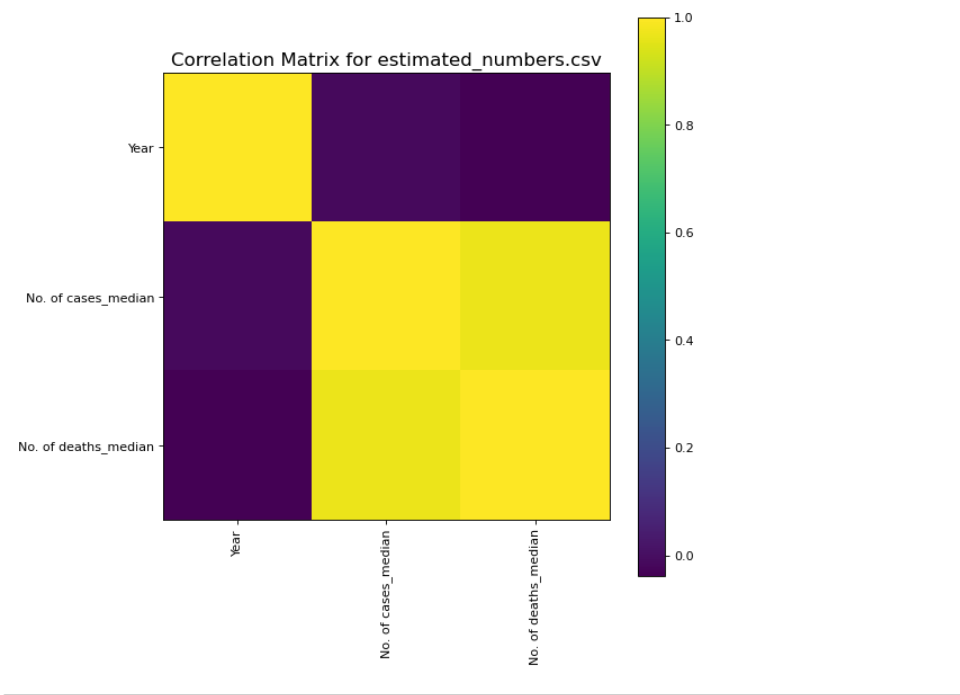
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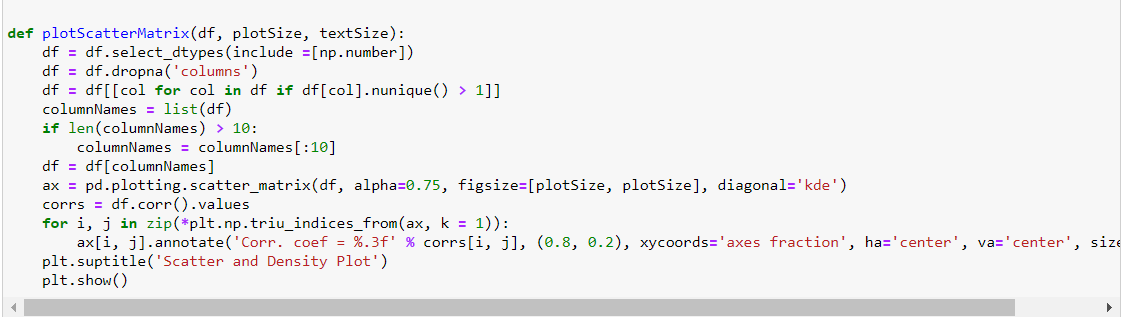
**CorrelationMatrix**

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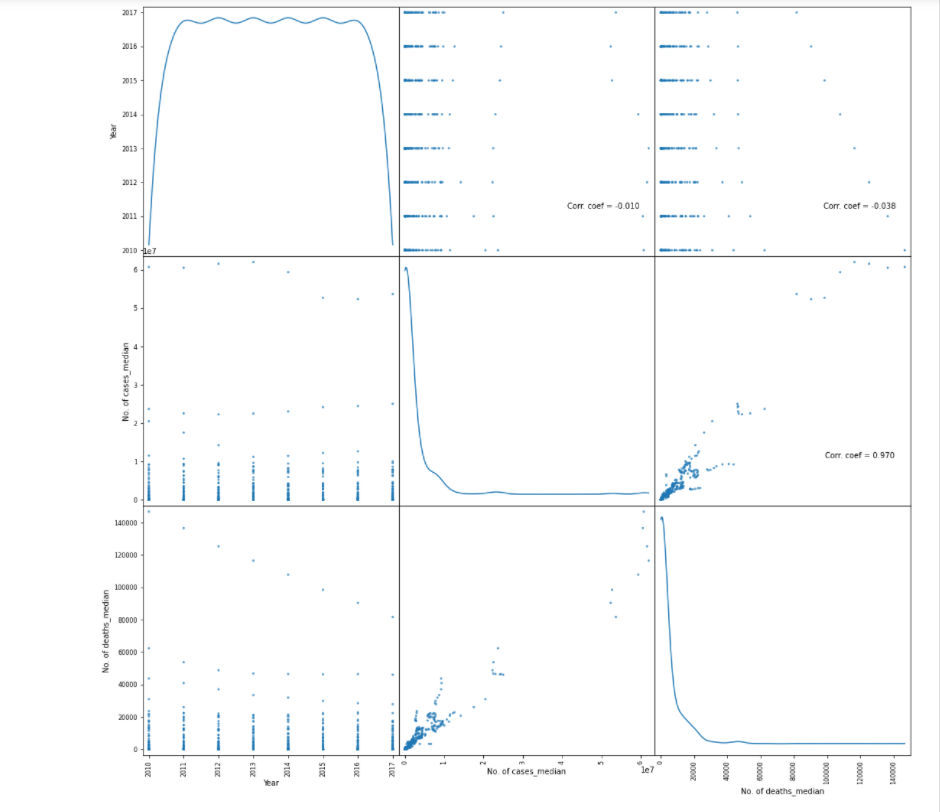
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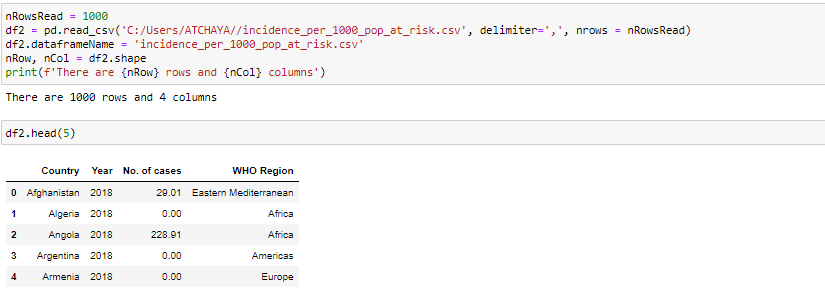
**ScatterMatix**

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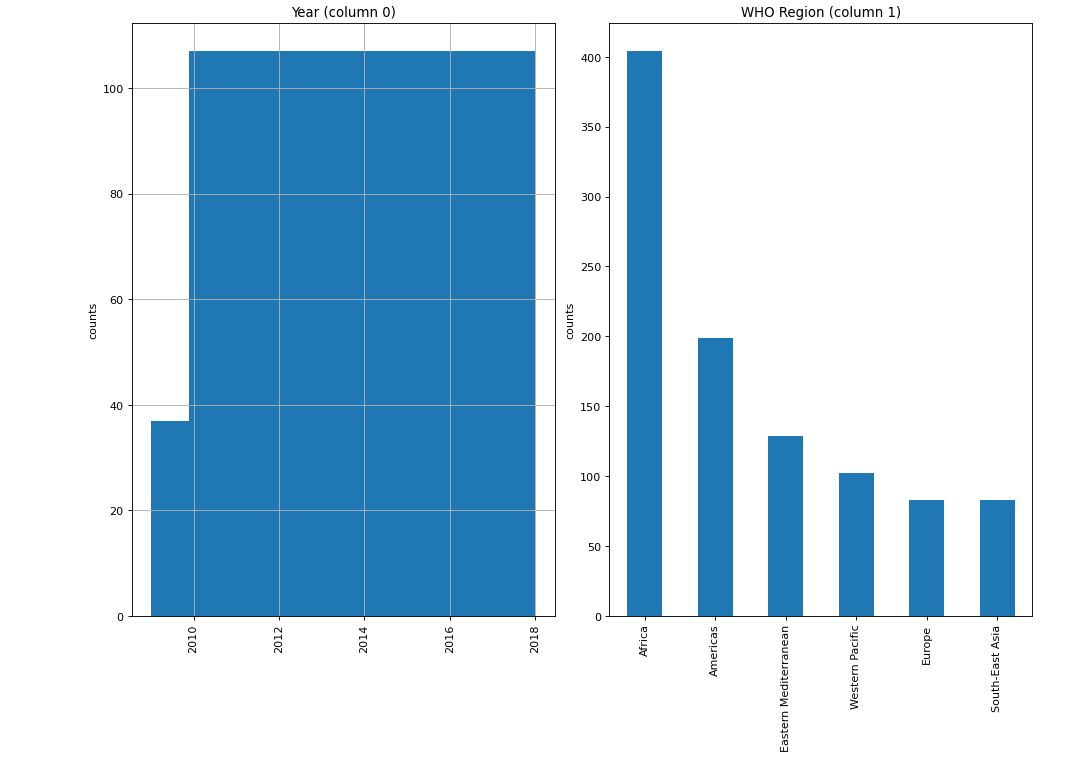
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**Load incidenceper1000popat\_risk.csv dataset**

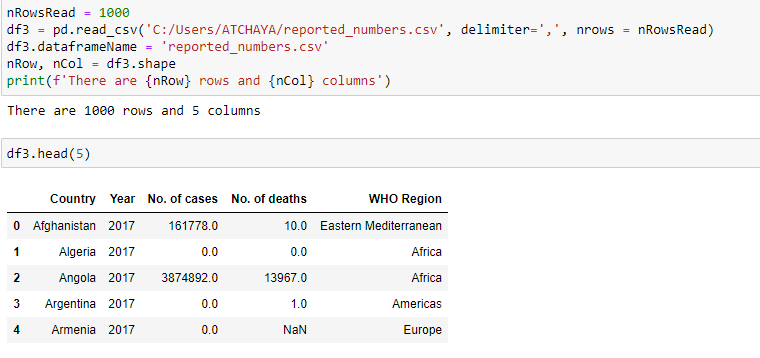
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**ColumnDistribution for incidenceper1000popat\_risk.csv**

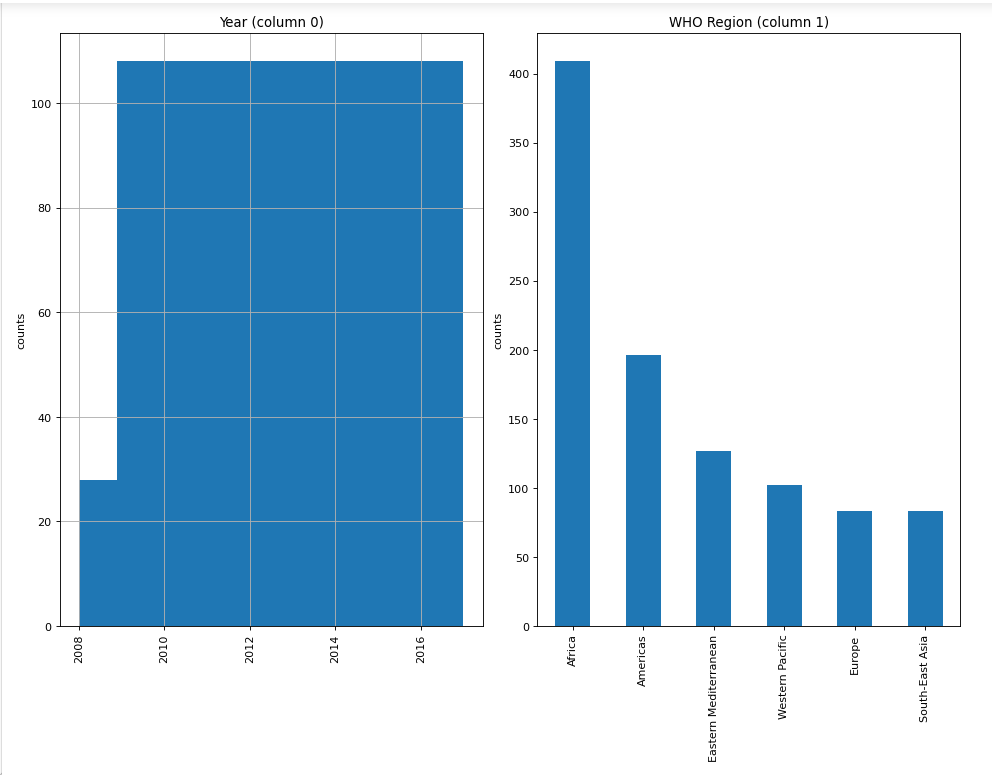
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**Load reported\_numbers.csv dataset**

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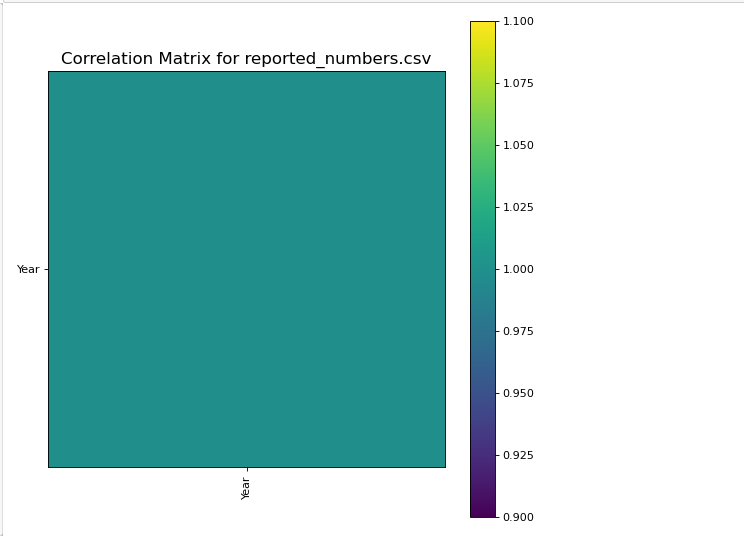
**ColumnDistribution for reported\_numbers.csv dataset**

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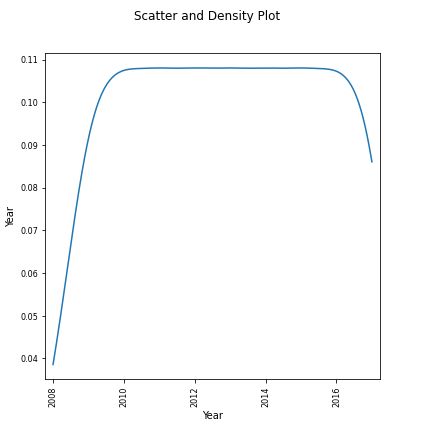
**CorrelationMatrix for reported\_numbers.csv dataset**

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**ScatterMatrix for reported\_numbers.csv dataset**

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**CONCLUSION:**

Using various plot we have visualized the no of deaths caused by malaria across the world during the period of time in different years