

Challenge:

To prepare a visualizing BI report for analysing covid 19 (coronavirus) cases of countries around the world, from the dataset.

#	Country, Other	Total Cases	New Cases	Total Deaths	New Deaths	Total Recovered	Active Cases	Serious, Critical	Tot Cases/ 1M pop	Deaths/ 1M pop	Total Tests	Tests/ 1M pop	Population
	World	15,546,797	+180,880	633,137	+3,780	9,449,994	5,463,666	66,186	1,995	81.2			
1	USA	4,149,137	+48,262	146,930	+747	1,960,966	2,041,241	19,143	12,531	444	51,305,606	154,946	331,118,730
2	Brazil	2,242,394	+10,523	83,036	+146	1,532,138	627,220	8,318	10,545	390	4,911,063	23,095	212,648,862
3	India	1,288,130	+48,446	30,645	+755	817,554	439,931	8,944	933	22	15,075,369	10,918	1,380,789,392
4	Russia	795,038	+5,848	12,892	+147	580,330	201,816	2,300	5,448	88	26,000,908	178,164	145,938,368

Link for dataset <https://www.worldometers.info/coronavirus/>

Analysis:

1) Add the desired data file into the Power BI, in this case we have to visit the site and load the data in table form, which contains following columns:

#	Country, Other	Total Cases	New Cases	Total Deaths	New Deaths	Total Recovered	Active Cases	Serious, Critical	Tot Cases/ 1M pop	Deaths/ 1M pop	Total Tests	Tests/ 1M pop	Population
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2) Load the data into Power BI, now it will be visible in Report, Data and Model sections.

3) First let's add Slicer from the visualization window for filtering the Countries.

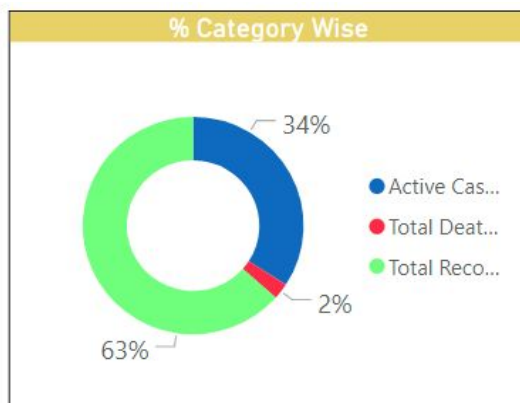


4) Add Cards from the visualization window for adding major columns.

5) Major column like (Total Cases, Active Cases, Total Deaths, Total Recovered, Critical Cases)



6) Add Donut Chart from the visualization window for displaying Active, Death & recovered cases percentage wise.



7) Add a Column chart from the visualization window for displaying top five countries and apply filters.

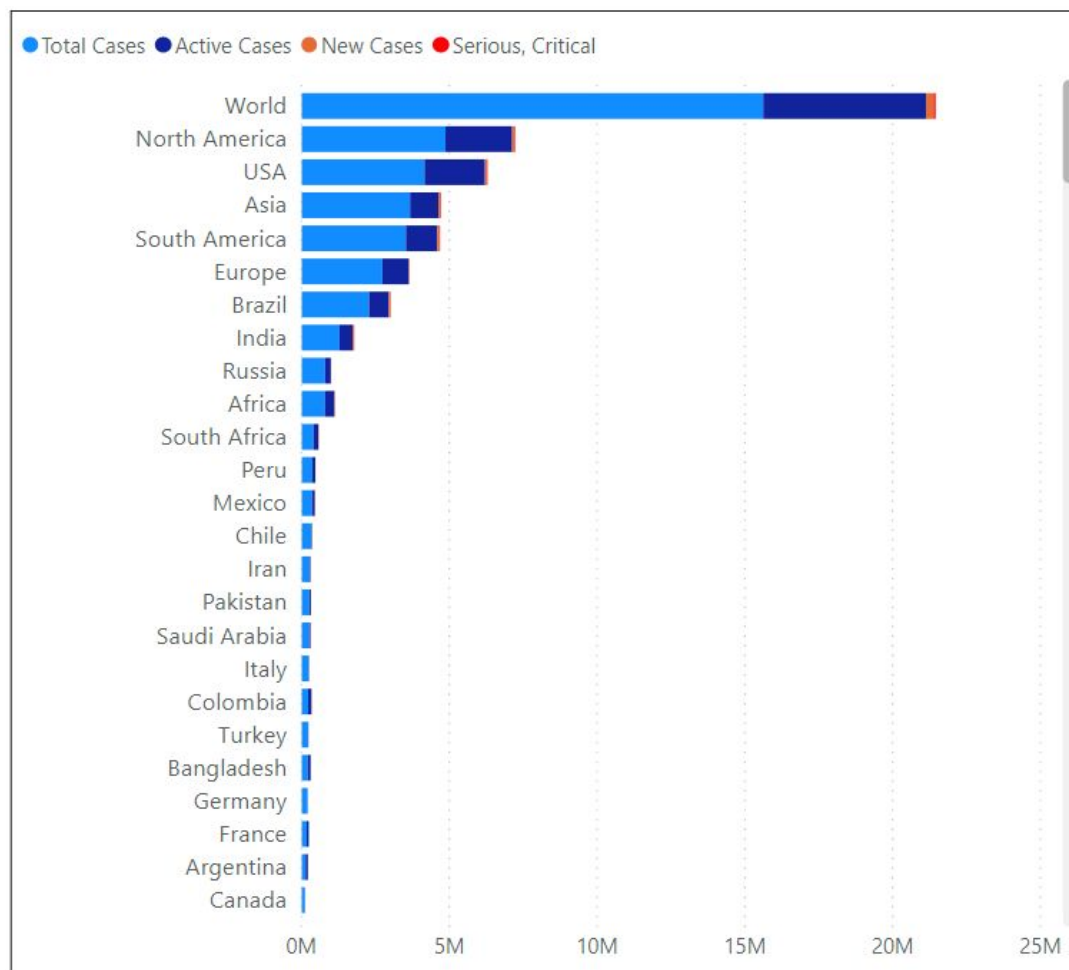


8) Add a Bar Chart from the visualization window for displaying Country wise cases.

> add Country to the axis field.

> add the following columns for the values:

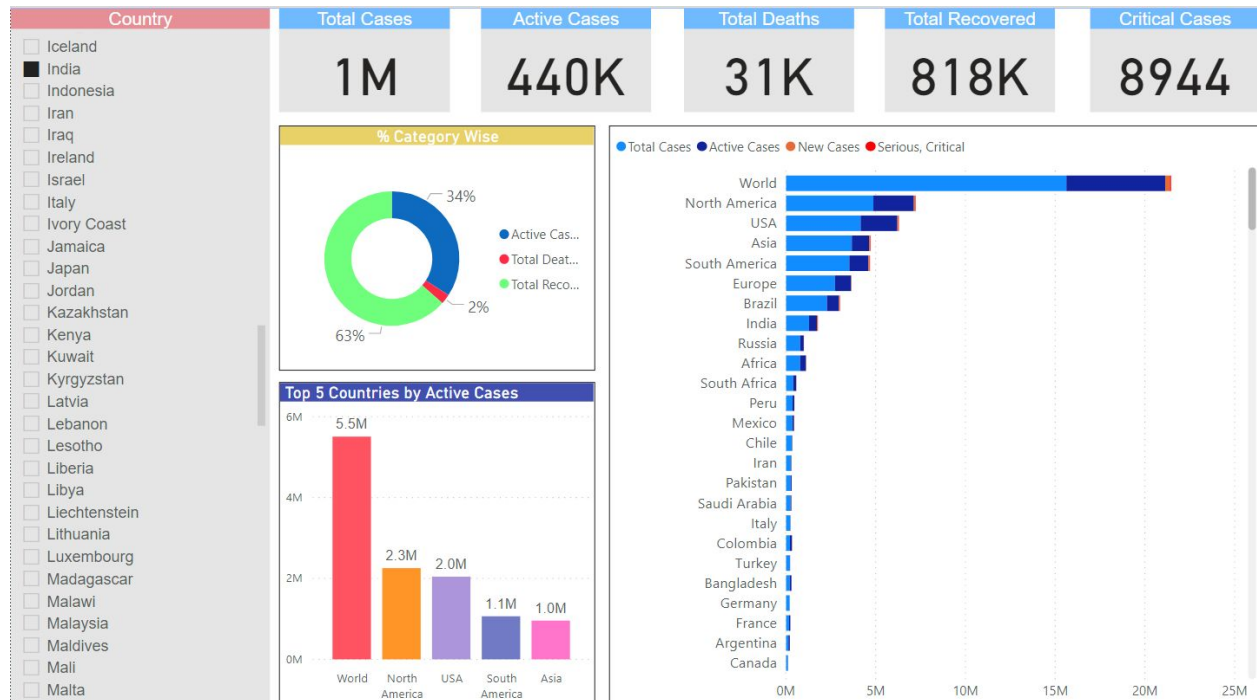
- Total Cases
- Active Cases
- New Cases
- Serious & Critical



9) Now, we need to add all above charts on a single workspace page for presenting the final BI Report of the given dataset.

Here, BI report for analysing covid 19 (coronavirus) cases of countries:

[INDIA]



[World]

