



COVID-19 Dashboard

Objective

The objective of this assignment is to create a comprehensive Spotfire dashboard that integrates data from multiple sources ie., Open API's, performs advanced data analysis, and provides interactive visualizations. The dashboard dynamically adjusts based on user selections, incorporating advanced data manipulation, predictive modeling, and geospatial visualizations.

Global Statistics

Total Tested

34424981

Total Deceased

28058

Total Recovered

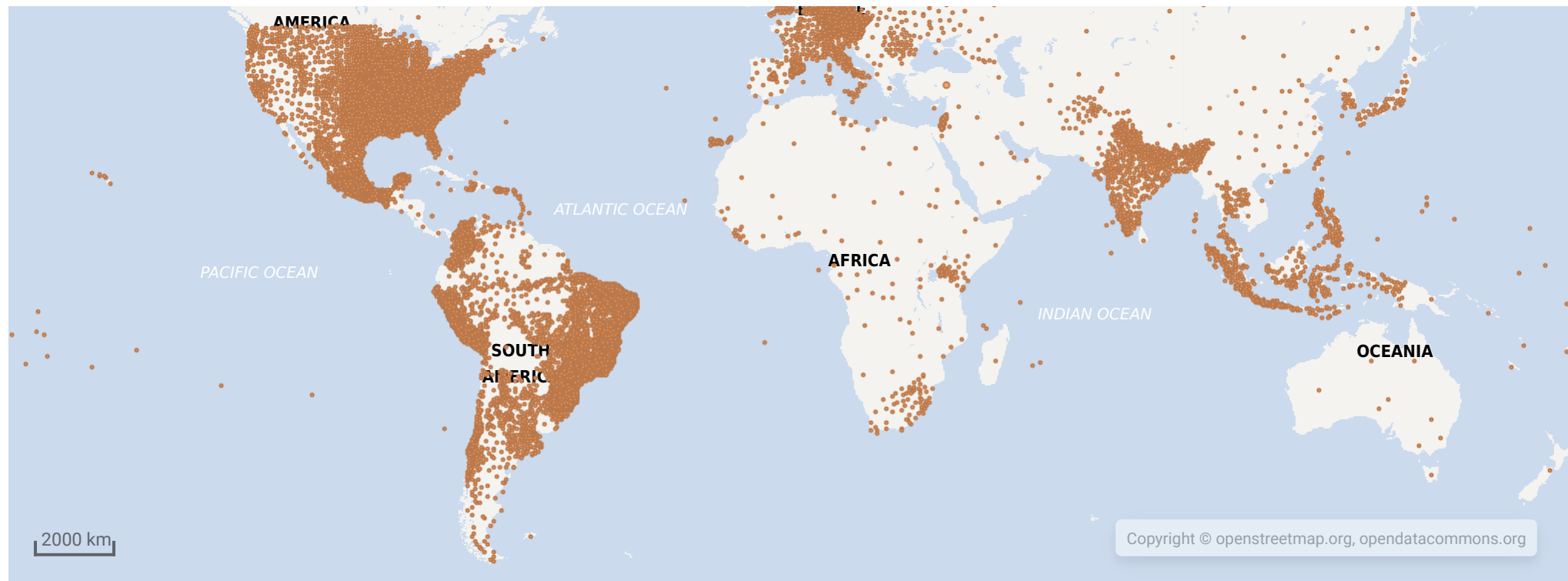
1913403

[View Report](#)

Covid Report Over Location

Confirmed Covid Cases By Location

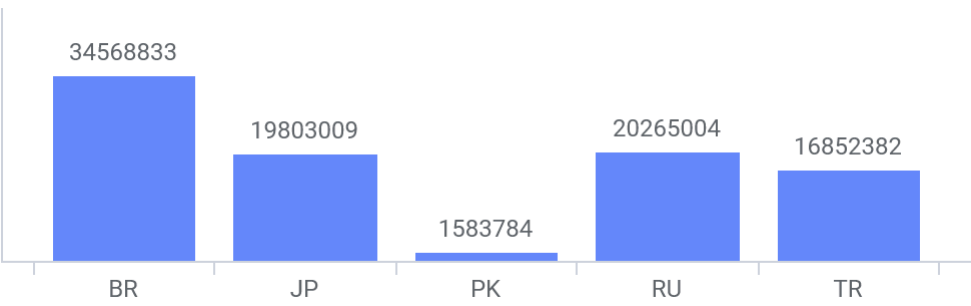
Used Markings to view in-detail Report



In-detailed Report By Location

(Column Names)					
location_key	location_k...	Sum(new_tes...	Sum(new_con...	Sum(new_dec...	Sum(new_rec...
	AD		34.00	0.00	
	AE	325016.00	402.00	0.00	
	AF		259.00	0.00	
	AF_BAL		4.00	0.00	11.00
	AF_BAM		5.00	0.00	25.00
6 columns					

Top 5 Locations Fully Vaccinated Count



Covid-19 Report

Covid -19 Cases And Vaccination Report

Dynamic Filters

Date
09/07/2020 30/12/2022
Location
AD

34424981

New_Tested

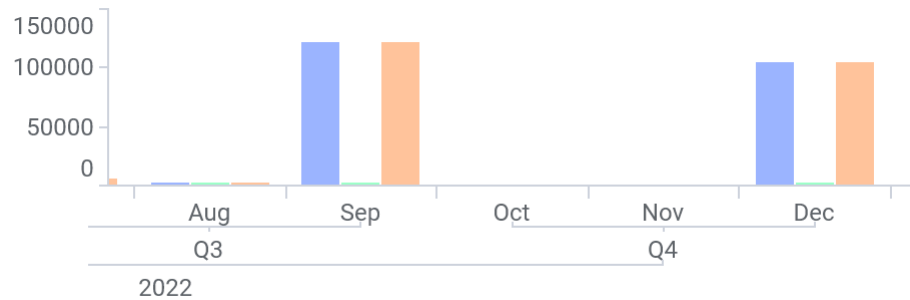
9530752

New_Confirmed

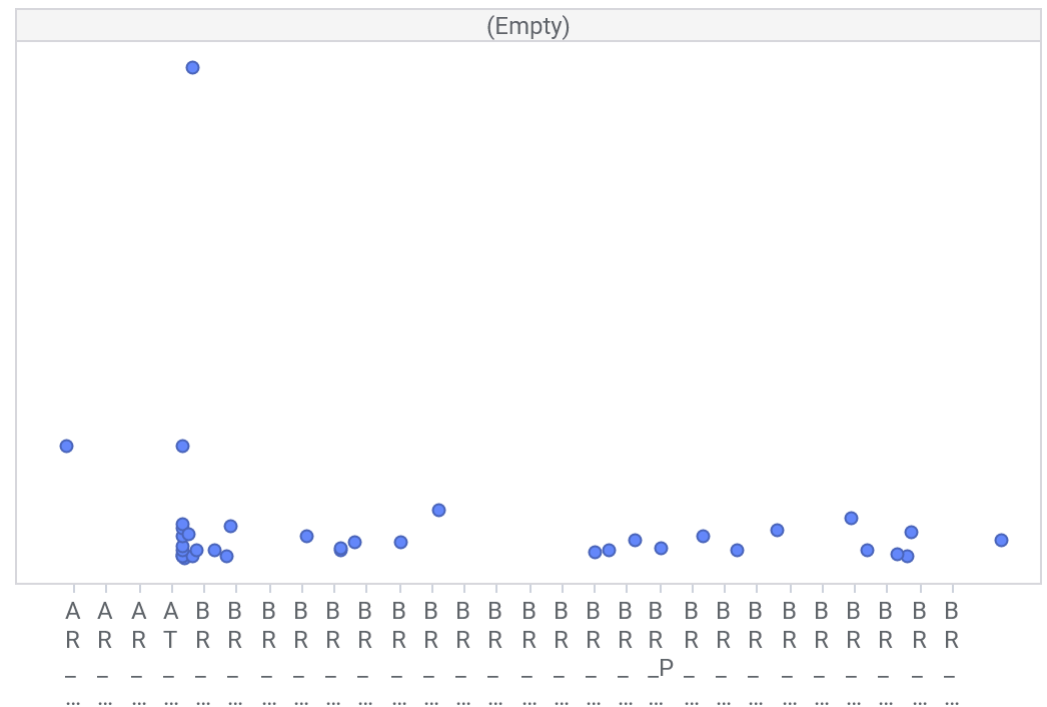
28058

New_Deceased

cumulative_confirmed, cumulative_deceased, cumula...



cumulative_persons_vaccinated – location_key



New Cases vs. Date



Raw Data

47 columns from Composite Data

	location_key ▼	new_confirmed	new_deceased	new_recovered	new_tested	cumulative_c...	cumulative_d...	cumulative_re...	cumulative_te...	new_persons.
22	ZW	0	0		3537	256939	5596		2379907	
22	ZM	0	0		2352	333229	4017		3514038	
22	ZA_WC_DC5	1				6679				
22	ZA_WC_DC4	5				73779				
22	ZA_WC_DC3	1				30611				
21	ZA_WC_DC2	49				36701				
22	ZA_WC_DC1	3				40666				
22	ZA_WC_CPT	19				415724				
22	ZA_WC	27	49			703887	20424		402630	
22	ZA_NW_DC40	1	18			36409	1756			
22	ZA_NW_DC39	1	1			9021	497			
22	ZA_NW_DC38	1	13			21789	716			
22	ZA_NW_DC37	2	1			72543	1286			
22	ZA_NW	2	0			202657	4404			
22	ZA_NC_DC9	1	2			30429	447			
22	ZA_NC_DC8	1	4			19184	215			
22	ZA_NC_DC7	1	0			17987	109			
22	ZA_NC_DC6	1	0			10998	66			
22	ZA_NC_DC45	2	1			10262	120			
22	ZA_NC	1	1		818	115470	2460		49656	
22	ZA_MP_DC32	1	0			46270	504			
22	ZA_MP_DC31	4	0			46172	776			
22	ZA_MP_DC30	2	0			40923	731			
22	ZA_MP	5	0			202783	2031			
22	ZA_LP_DC47	2	9			13218	501			
22	ZA_LP_DC36	3	0			30321	561			
22	ZA_LP_DC35	1	0			31916	1420			
22	ZA_LP_DC34	1	0			20783	847			
22	ZA_LP_DC33	3	0			23405	675			
22	ZA_LP	6	0			160087	4159			
22	ZA_KZN_ETH	4	22			249110	4607			
22	ZA_KZN_DC43	1	7			8776	487			