Bharatiya Vidya Bhavan's



Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai) Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058-India

Name: Anish Gade UID: 2021700022 Batch: BE CSE(DS)

AIM:

Design Interactive Dashboards and Storytelling using Tableau / Power BI / R (Shiny) / Python (Streamlit/Flask) / D3.js to be performed on the dataset - Disease spread / Healthcare

- Create interactive dashboard Write observations from each chart given below
- (Advanced Word chart, Box and whisker plot, Violin plot, Regression plot (linear and nonlinear), 3D chart, Jitter, Line, Area, Waterfall, Donut, Treemap, Funnel
- Basic Bar chart, Pie chart, Histogram, Timeline chart, Scatter plot, Bubble plot)

Dashboard (Made in Streamlit):

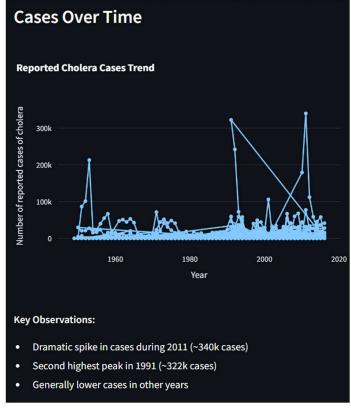
Country	Year	Number of reported cases of cholera	Number of reported deaths from cholera	Cholera case fatality rate	WHO Region
Afghanistan	2,016	677	5	0.7	Eastern Mediterranean
Afghanistan	2,015	58,064	8	0.01	Eastern Mediterranean
Afghanistan	2,014	45,481	4	0	Eastern Mediterranean
Afghanistan	2,013	3,957	14	0.35	Eastern Mediterranean
Afghanistan	2,012	12	0	0.1	Eastern Mediterranean
Afghanistan	2,011	3,733	44	1.18	Eastern Mediterranean
Afghanistan	2,010	2,369	10	0.42	Eastern Mediterranean
Afghanistan	2,009	662	11	1.66	Eastern Mediterranean
Afghanistan	2,008	4,384	22	0.5	Eastern Mediterranean
Afghanistan	2,005	33	0	0	Eastern Mediterranean

1.



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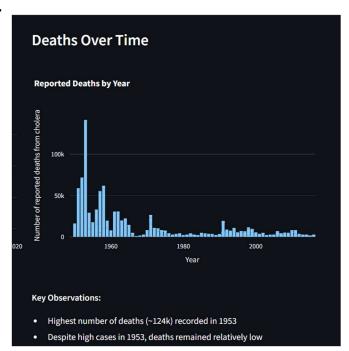




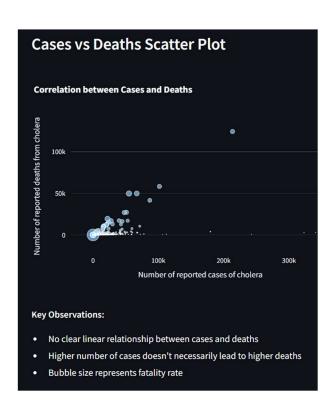
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2.



3.

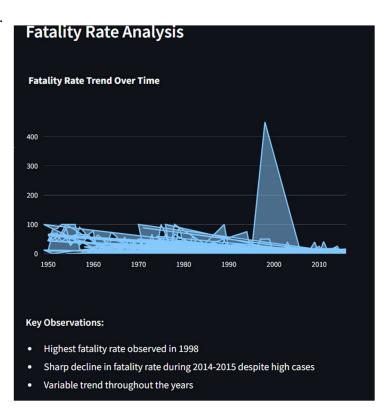




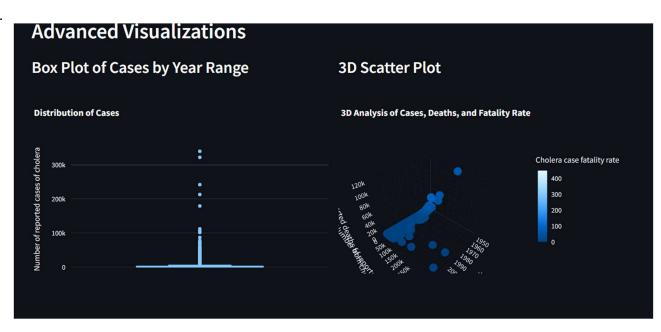
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4.



5.



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Summary Statistic	s	
Average Cases per Year	Average Deaths per Year	Average Fatality Rate
3,850	381.45	578.50%