Ayush Srivastava

Task #8 Timeline Analysis - COVID19

The Sparks Foundation

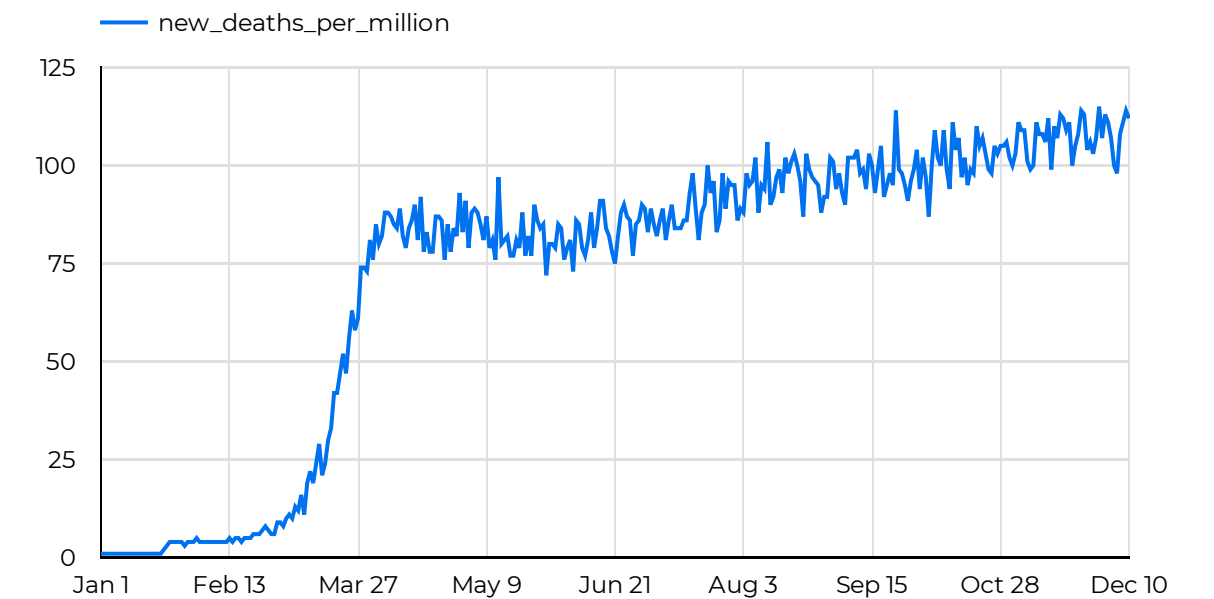| total_cases_per_million	total_deaths_per_million	new_cases_per_million
39.6K	22.2K	22.2K

new_deaths_per_million	new_cases_smoothed	new_deaths_smoothed	total_tests_per_thousand	weekly_hosp_admission	positive_rate	total_tests
4.4K	12.8K	3.1K	20.4K	669.0	564.0	24.2K

new_cases_per_million

total_tests_per_thousand

new_deaths_per_million
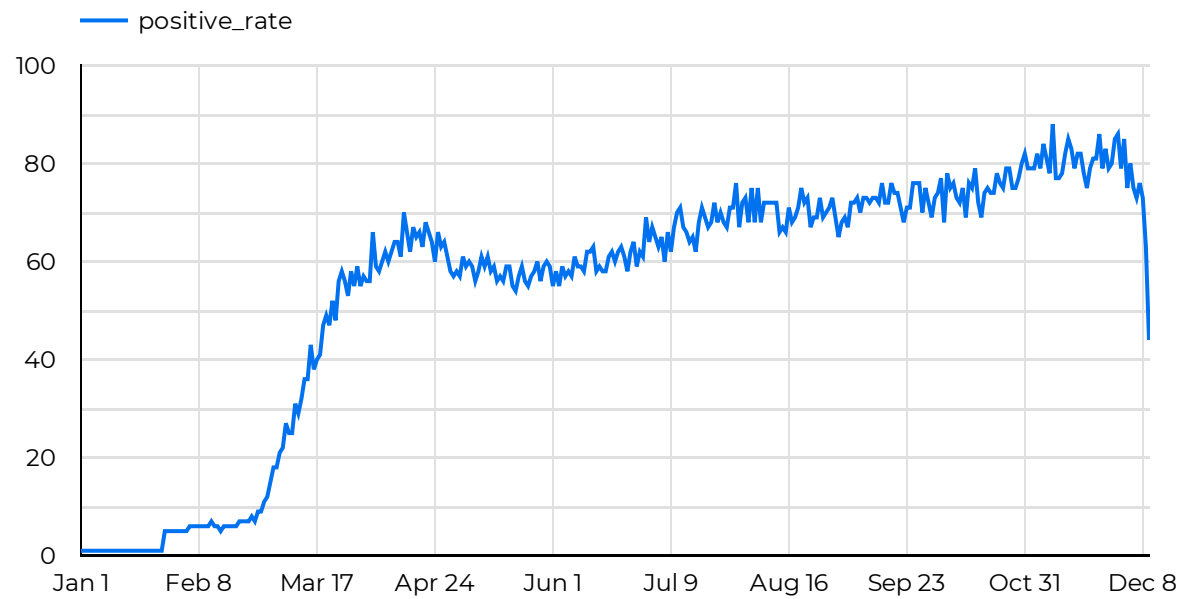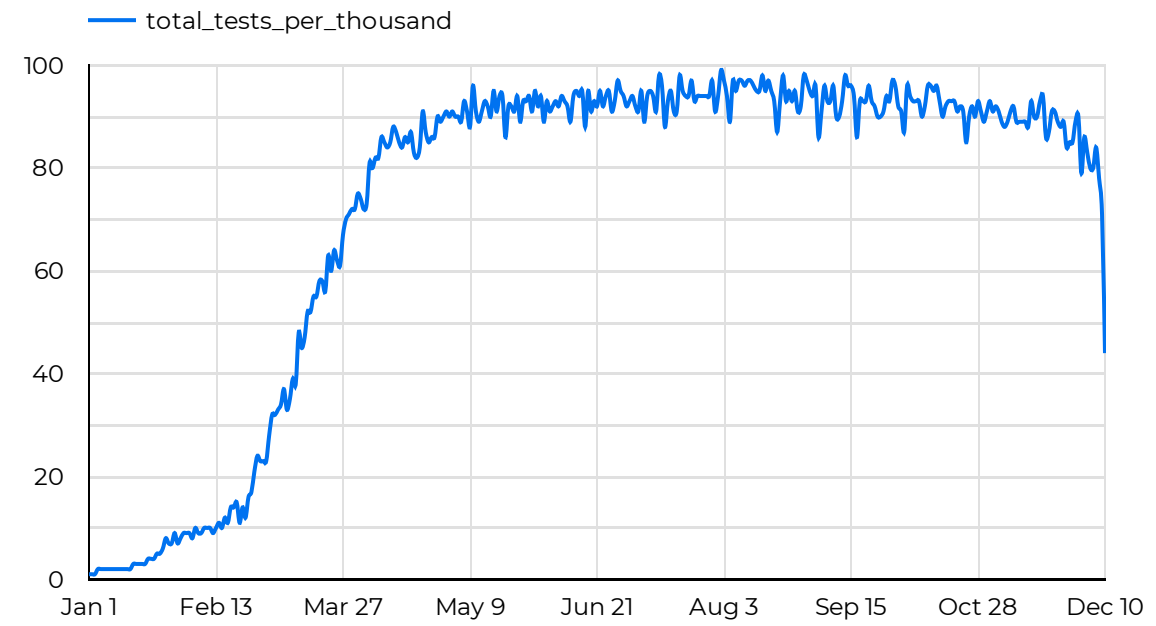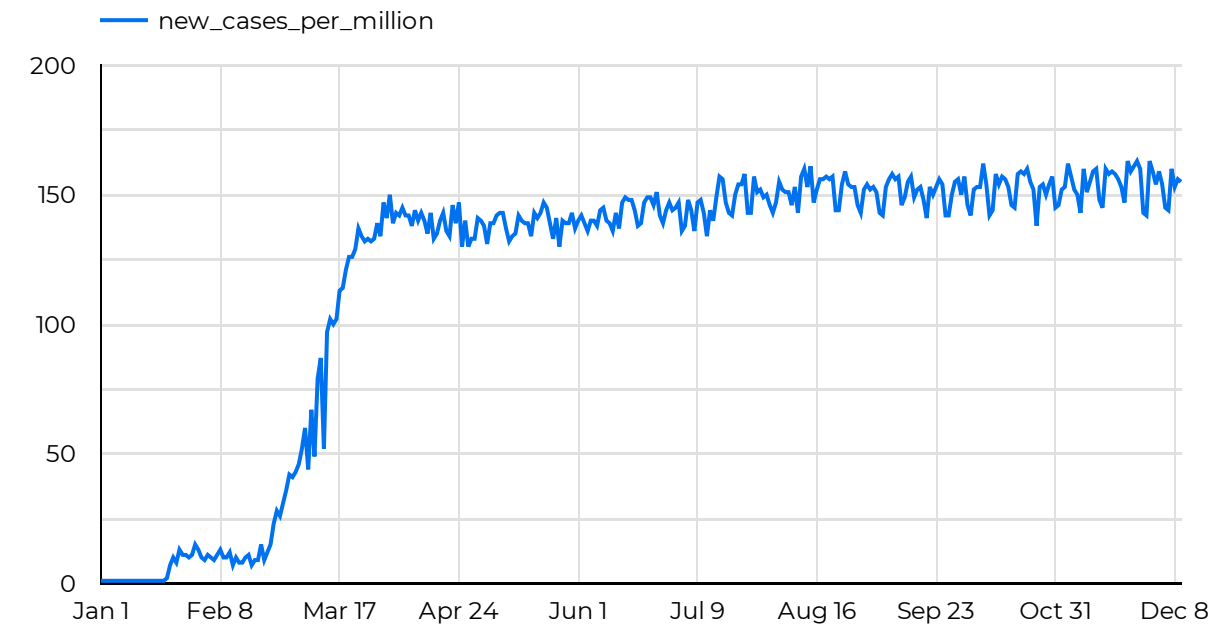
positive_rate

NEW CASES AND POSITIVE RATE BY LOCATION
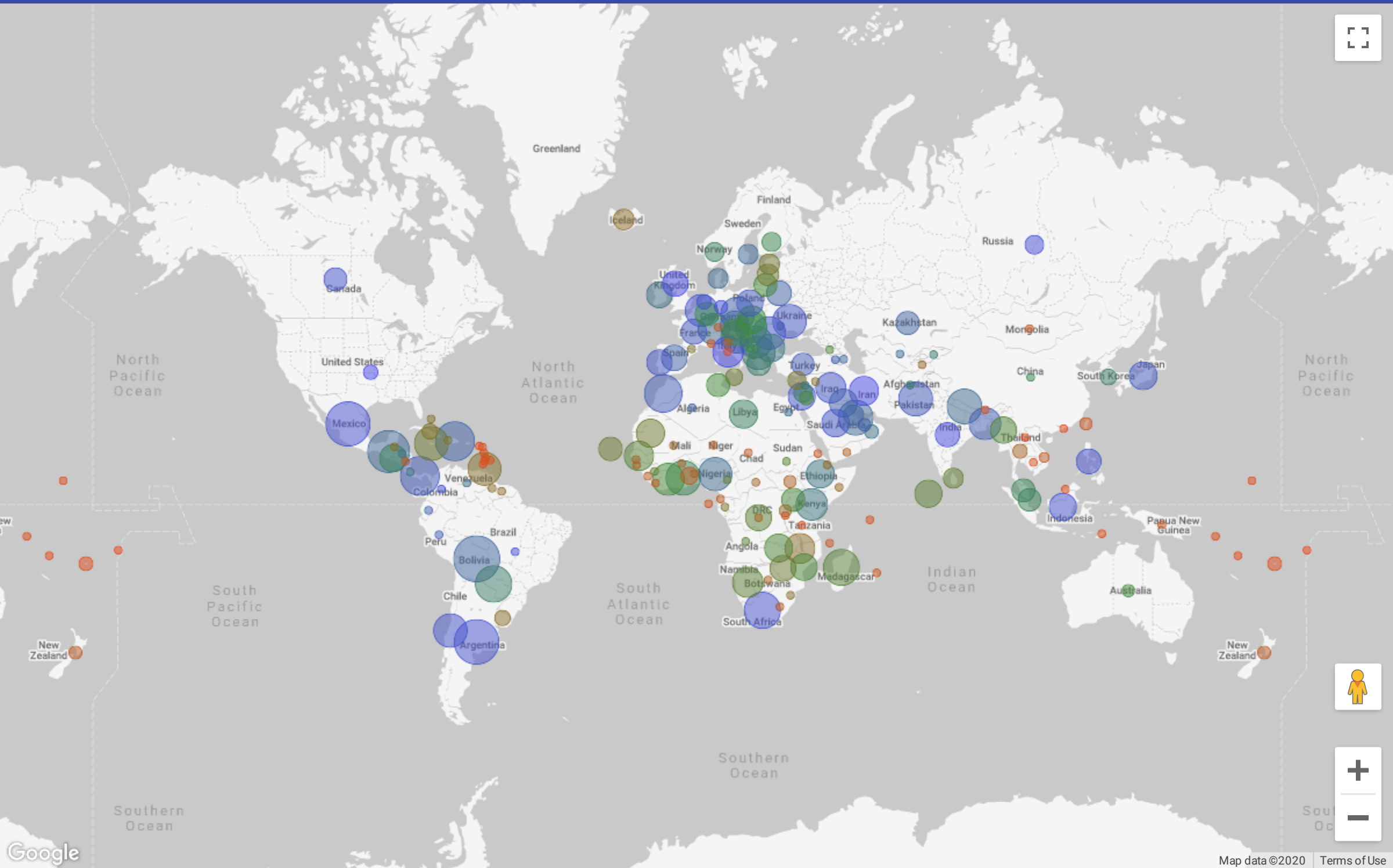
positive_rate

1 · ● ● 201

new_cases

1 ▬▬▬▬ 291

We've discovered something that may require your attention.

The statistical model used (Chi-Squared) was able to detect a significant relationship between your data sets and the outcomes with at least 95% accuracy.

new_deaths

Name	new_cases	ACTUAL	EXPECTED	PERFORMANCE new_deaths
World	324	319	90	⬆ 254%
United States	291	272	80.8	⬆ 237%
Hong Kong	1	1	0.3	⬆ 233%
Brazil	275	244	76.4	⬆ 219%
Mexico	272	234	75.6	⬆ 210%
India	279	234	77.5	⬆ 202%
Iran	287	203	79.7	⬆ 155%
France	252	172	70	⬆ 146%
Spain	233	156	64.7	⬆ 141%
Italy	288	189	80	⬆ 136%
United Kingdom	285	186	79.2	⬆ 135%
Russia	276	178	76.7	⬆ 132%
Argentina	268	164	74.4	⬆ 120%
Peru	245	145	68.1	⬆ 112%

Top chart legend: reproduction_rate, stringency_index

X-axis labels: China, Australia, Switzerland, Myanmar, Hungary, San Marino, Bahamas, Malta, Trinidad a..., Estonia, Turkey, Tunisia, Iraq, World, Saudi Arabia, Nigeria, Chile, Kenya, Bolivia, Dominican..., Sri Lanka, Cambodia, Costa Rica, Uzbekistan, Indonesia, Bahrain, Central Afri..., Cameroon, Honduras, Bhutan, Uruguay, Eritrea, Papua Ne..., Antigua an..., Guinea, Togo, International, Vatican, Grenada

Bottom chart legend: new_cases_per_million, new_deaths_per_million, weekly_hosp_admissions, hosp_patients_per_million

X-axis labels: World, Germany, Colombia, Canada, Israel, Japan, Turkey, Ecuador, Dominican..., Kazakhstan, Qatar, Nepal, Venezuela, Kenya, Kyrgyzstan, Palestine, Kosovo, Ghana, Australia, Cote d'Ivoire, Georgia, Angola, Guinea, Jamaica, Haiti, Trinidad a..., Belize, Tajikistan, Benin, Botswana, Niger, Chad, Vietnam, Eritrea, Tanzania, Brunei, Solomon I..., Vatican, Hong Kong