📄 COVID-19 Global Trends Report – 2022

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Introduction

This report provides a summary and analysis of global COVID-19 data during the calendar year 2022. The primary data source is Johns Hopkins University's CSSE repository, which tracks confirmed cases and deaths worldwide.

Findings

📊 Confirmed Cases Over Time

(Insert a line chart created from `daily_confirmed` data)

- Confirmed COVID-19 cases fluctuated globally in 2022.
- Peaks occurred in January due to Omicron variant surges.
- Decrease observed mid-year due to increasing immunity and vaccination.

⚰️ Deaths Over Time

(Insert a line chart created from `daily_deaths` data)

- Global deaths showed a downward trend.
- Despite rising cases in early 2022, fatality rates declined, possibly due to improved treatment.

Summary

In 2022, COVID-19 continued to affect populations globally, although with lower death rates compared to earlier years. Public health strategies and vaccination campaigns played a key role in mitigating severe outcomes.

Conclusion

This report demonstrates how reproducible R code can be used to summarize and visualize important global health data. The trends shown provide insights for continued pandemic monitoring and preparedness.