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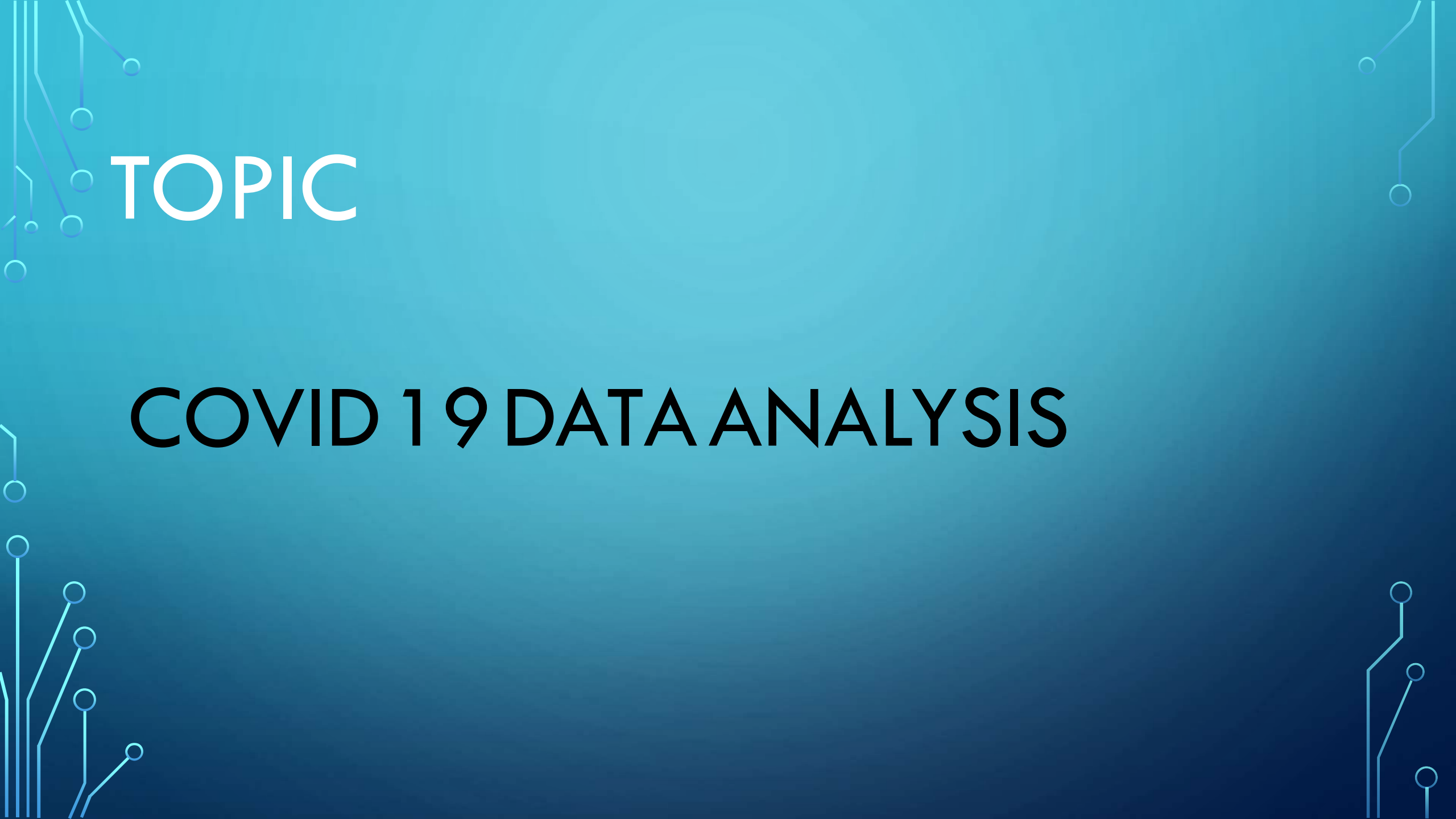
TOPIC

COVID 19 DATA ANALYSIS

AGENDA

- Introduction
- Objectives
- Global Data Overview
- India Data Overview
- Comparative Analysis
- Vaccination Data
- Societal & Economic Impact
- Key Insights

INTRODUCTION

- Brief overview of COVID-19 pandemic Origin (2019, Wuhan, China) Declared global pandemic by WHO in March 2020

OBJECTIVES

- To analyse COVID-19 global & national data To study infection & recovery trends To identify impact on health & society

GLOBAL DATA OVERVIEW

- Total cases, deaths, recoveries (till 2023/2024 data) World map with hotspots (USA, India, Brazil, etc.) Graph: Daily new cases over time

INDIA DATA OVERVIEW

- Total cases ,recoveries, deaths in India State-wise distribution (Maharashtra, Kerala, Tamil Nadu, etc.) Graph: India COVID wave trends (1st, 2nd, 3rd wave)

COMPARATIVE ANALYSIS

- Global vs India trends Vaccination drive progress Testing and positivity rate differences

VACCINATION DATA

- Total dose administered (global & India) Graph: Vaccination vs infection decline Pie chart: % population vaccinated

SOCIETAL & ECONOMIC IMPACT

- Education shift to online Job losses & economic slowdown Mental health issues

KEY INSIGHTS

- Vaccination reduced severity & deaths Second wave deadlier due to Delta variant Importance of healthcare infrastructure

CONCLUSION

- Lessons learned from the pandemic Importance of preparedness Role of data in decision-making

GITHUB LINK

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