

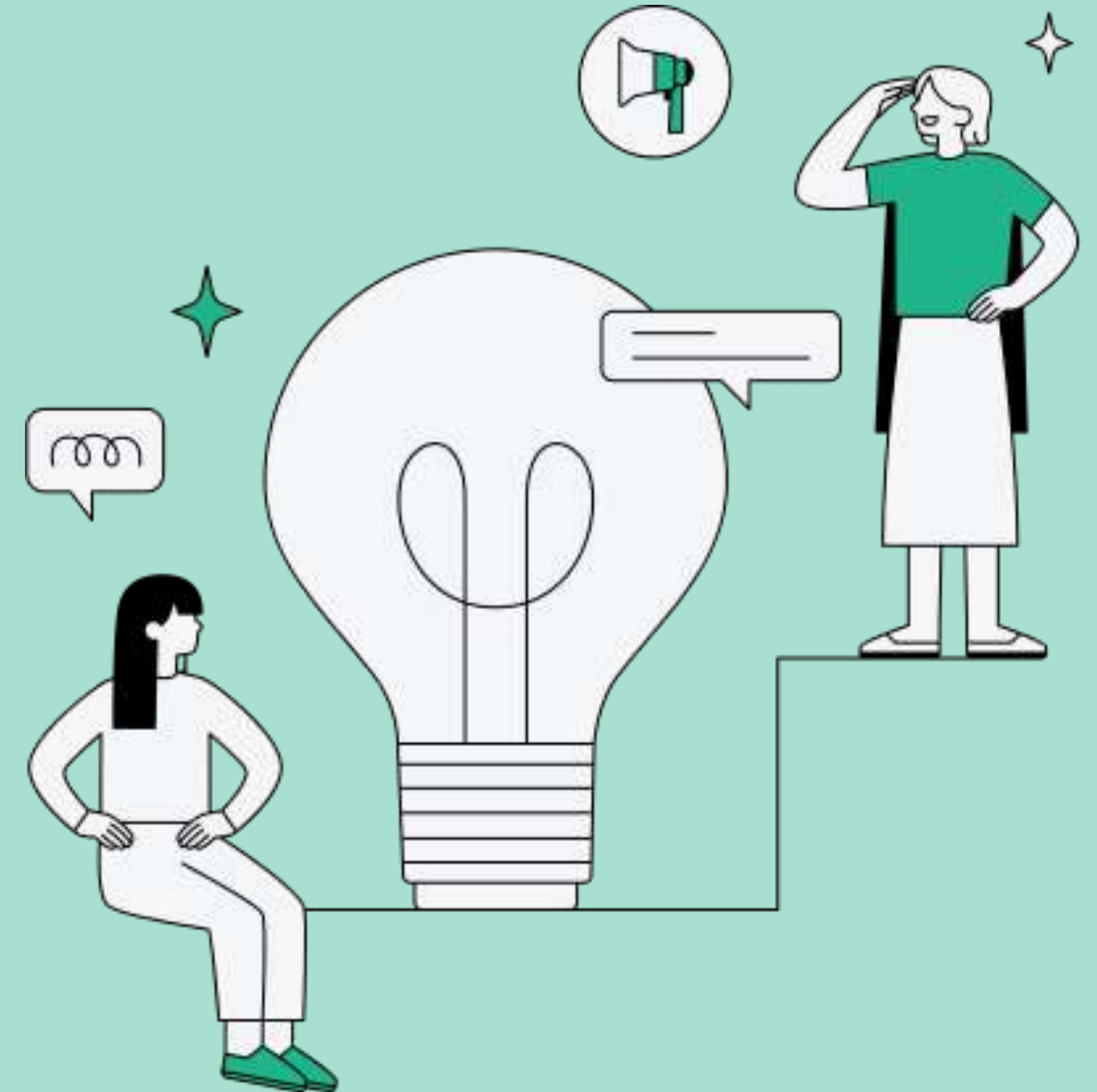
Presented by Thuraya Ayman

Coronavirus Analysis



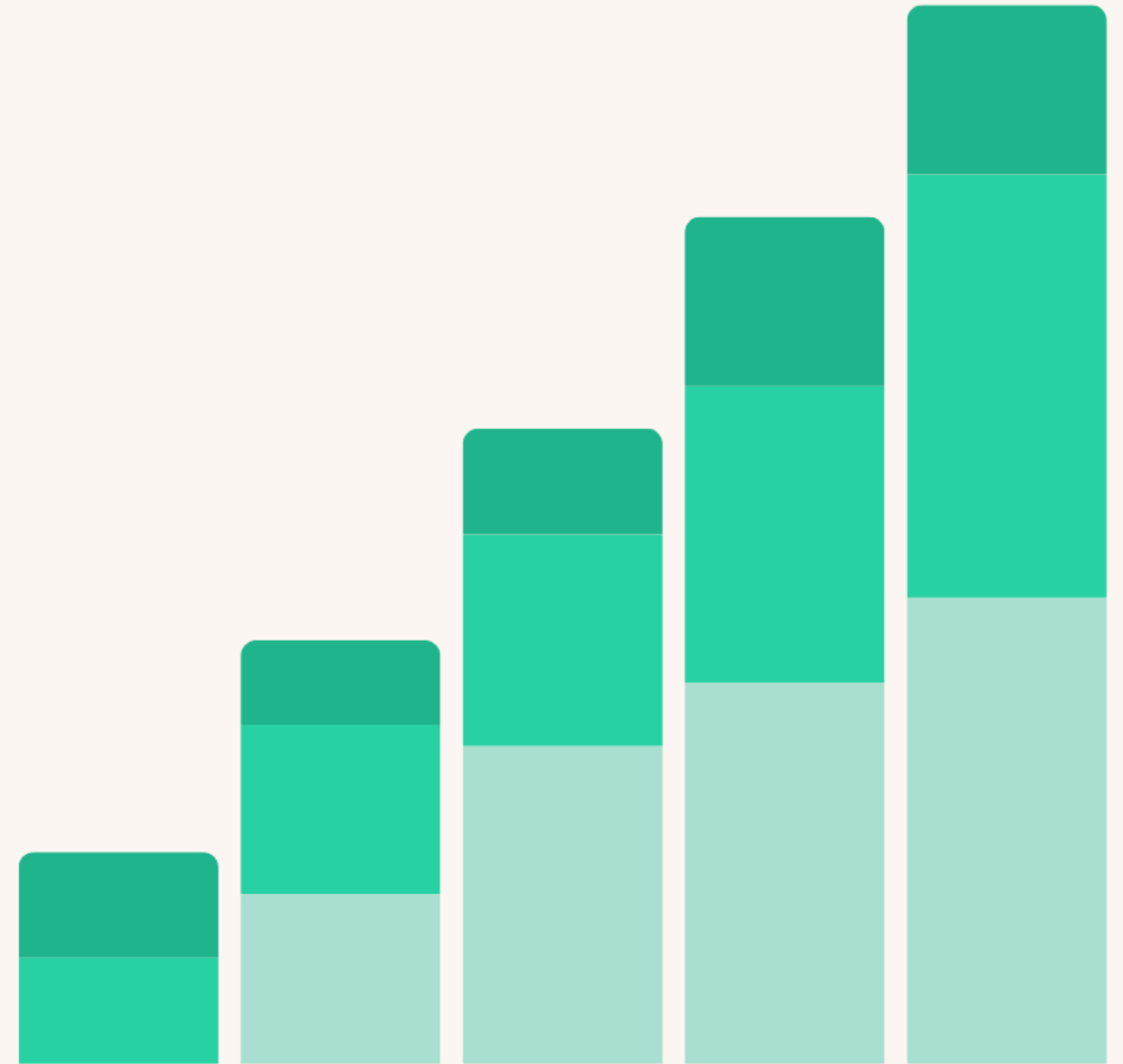
Introduction

The COVID-19 pandemic has had significant global impacts since its emergence in late 2019. Focusing on the years 2020 and 2021, The years 2020 and 2021 were marked by rapid changes and adaptations in response to the evolving COVID-19 pandemic, as societies and governments worked to address the public health crisis and its far-reaching consequences.



Methodology

- The Coronavirus dataset in CSV format was loaded into a new database using MySQL Workbench. SQL was employed for comprehensive data analysis, and appropriate data types were defined for accurate storage. MySQL Workbench facilitated data manipulation and retrieval using various SQL commands to extract and summarize relevant information from the dataset.





Analysis





The total number
of records :

78,386

Start and End date of
the data recorded :

2020/1/22

2021/6/13

The total number of
months recorded :

18



Highest Average of
confirmed cases

4699.3552

In April 2021

Highest Average of
Death cases

84.1837

In Jan 2021

Highest Average of
cases that has
recovered

4007.5078

In May 2021



Maximum number
of confirmed
cases

823,225
In 2020

Maximum number
of Death cases

7,374
In 2021

Maximum number
of Recovered
cases

1,123,456
In 2020



how corona virus spread out with respect to confirmed cases

Total number of confirmed cases : 169065144

Average number of confirmed cases : 2156.8283

The variance : 157288925.07796532

The standard deviation : 12541.488152446875



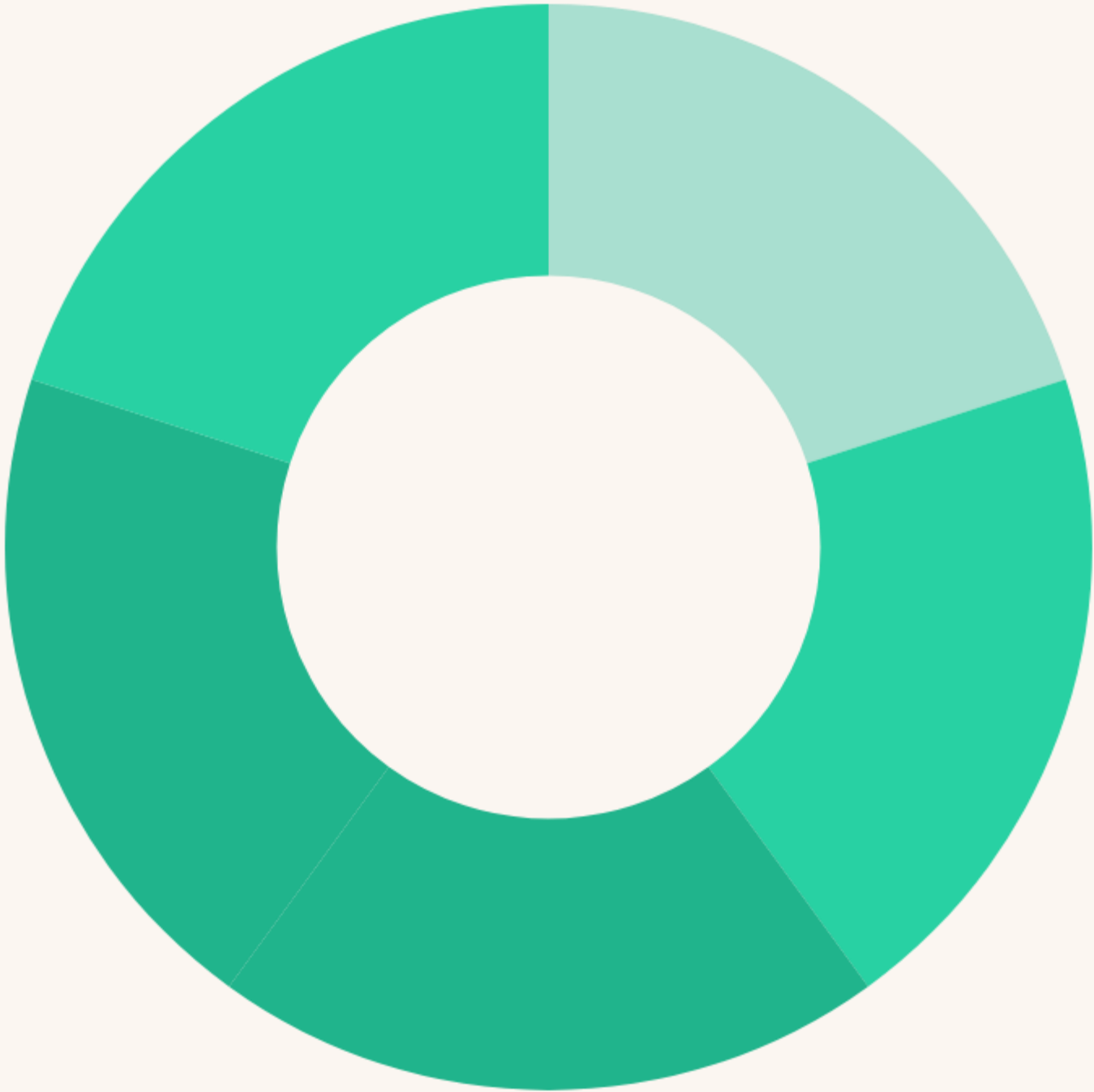
how corona virus spread out with respect to recovered cases

Total number of confirmed cases : 113089548

Average number of confirmed cases : 1442.7264

The variance : 107029523.26229636

The standard deviation : 10345.507395110999



how corona virus spread out with respect to Death cases

Total number of death cases : 3647894

Average number of death cases : 46.5376

The variance : 45892.01885355753

The standard deviation : 214.22422564583476



Country having highest
number of the
Confirmed case

823,225
In Turkey

Lowest number of
Death cases

(o) Zero
Dominica, Kiribati,
Marshall Islands, Samoa



top 5 countries having
highest recovered case

Turkey, India, Brazil,
US, Colombia



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Thank you very

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