

Building Your First Dashboard with Tableau

CONNECT, WRANGLE AND VISUALIZE DATA

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Complete this course during Break!



This course is for everyone!

Intended Audience



Student



Analyst



Senior VP/Director



What We Will Learn?



Self Service Business Intelligence Tool

Worksheet

Covered in Module 2
(Load, Join, Filter,
Group Data, Bar Chart,
Line Chart, etc.)

Dashboard

Covered in Module 3
(Collection of
Worksheet)

Story

Covered in Module 3
(Sequence of
Visualization)



Share Your Knowledge to the World

Export

Covered in Module 4

Publish

Covered in Module 4



Prerequisite

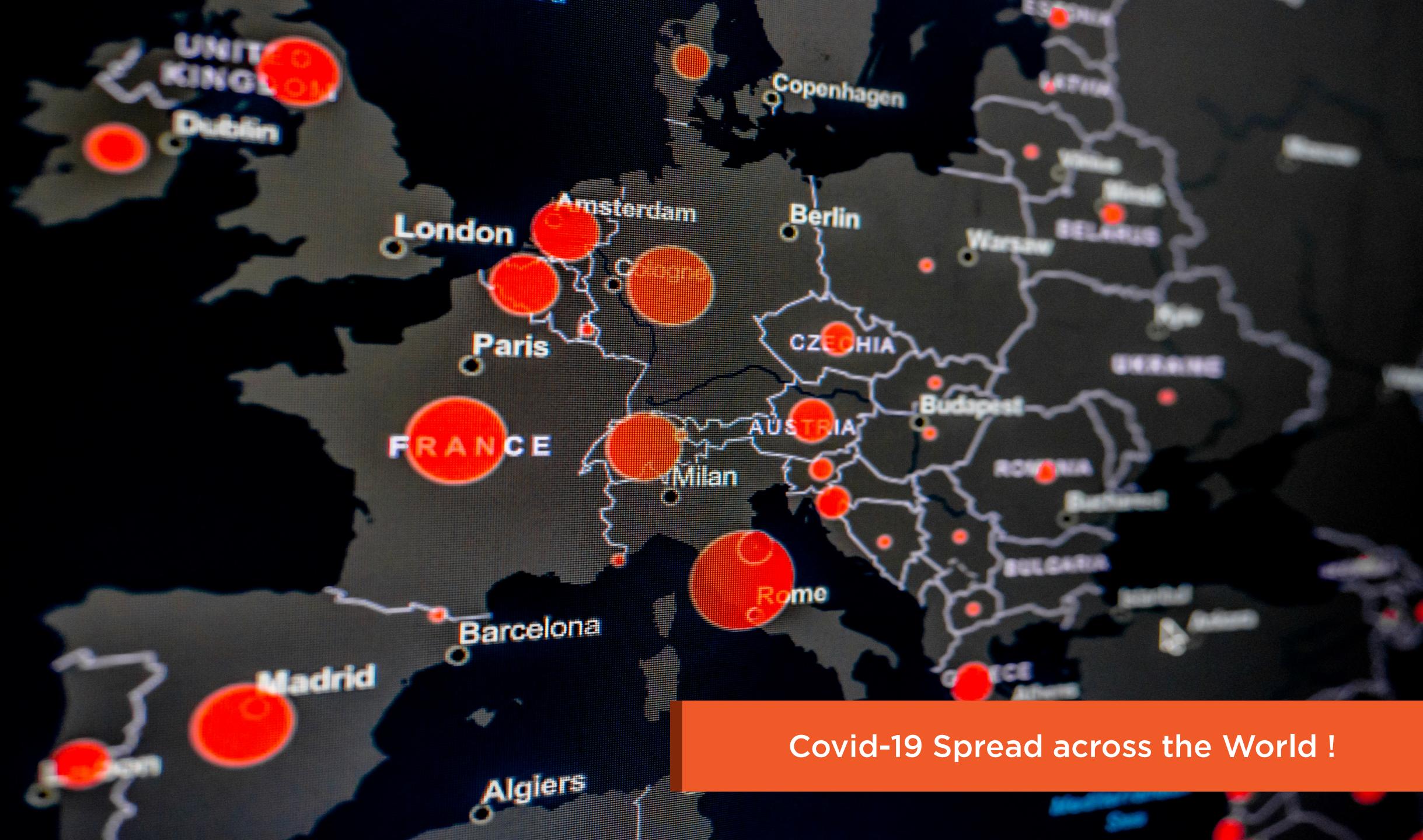


Access to Tableau Tool



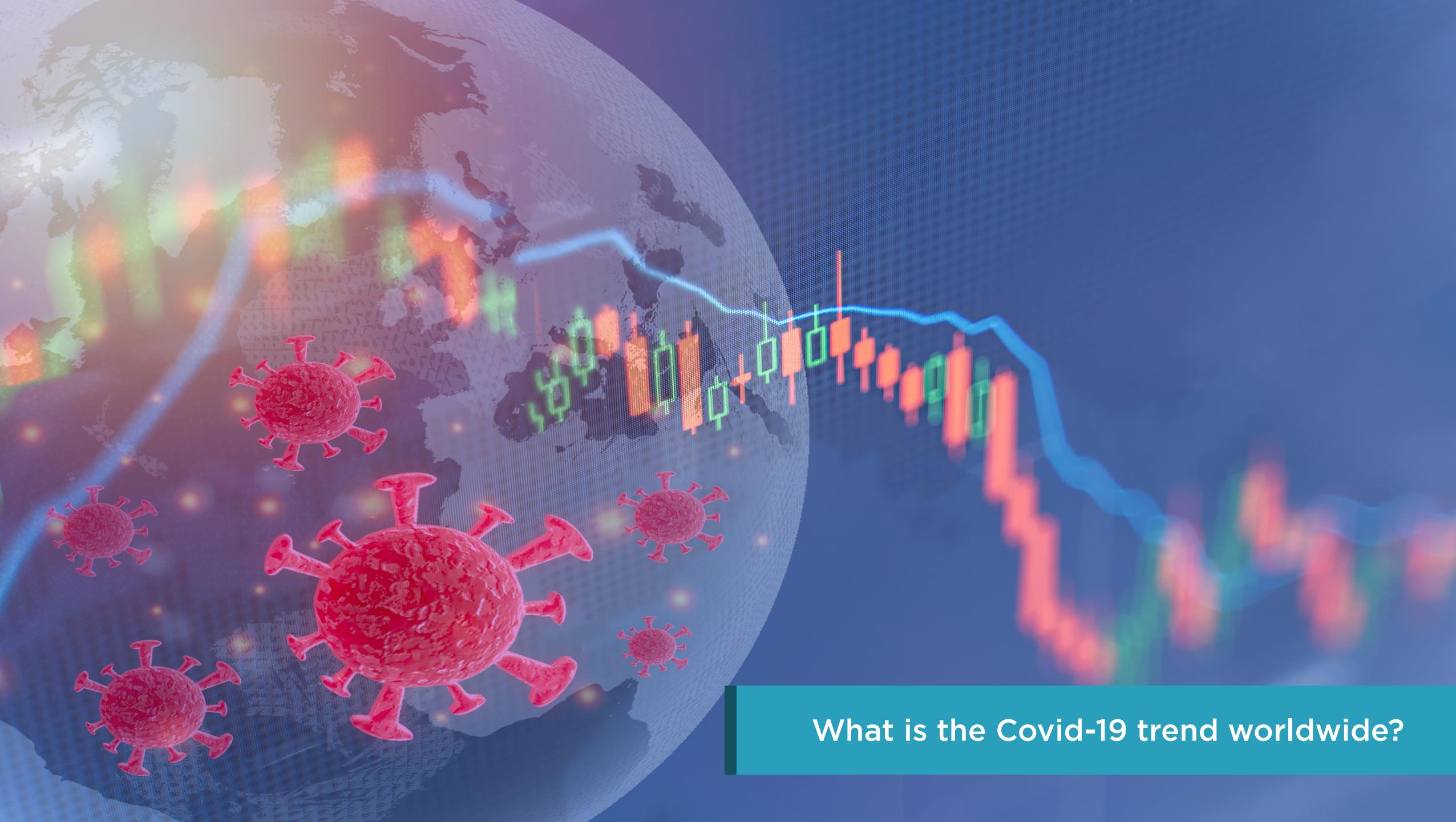
Covid-19: Project Introduction and Related Dataset





Covid-19 Spread across the World !





What is the Covid-19 trend worldwide?

About the Dataset



04-17-2020

You could download latest
files from link provided in
read me section



Continent_Country_Mapping

Mapping File between
Continent & Country



File 1: CSV Dataset File

FIPS



Federal Information Processing Standards

PROVINCE_STATE



Name of the state

COUNTRY_REGION



Name of the country

LAT



Latitude of the province/district

LONG_



Longitude of the province/district



File 1: CSV Dataset File

CONFIRMED



Number of confirmed cases of Covid-19

DEATH



Numbers of deaths caused by Covid-19

RECOVERED



Numbers of cases recovered from Covid-19

ACTIVE



Number of active cases from Covid-19

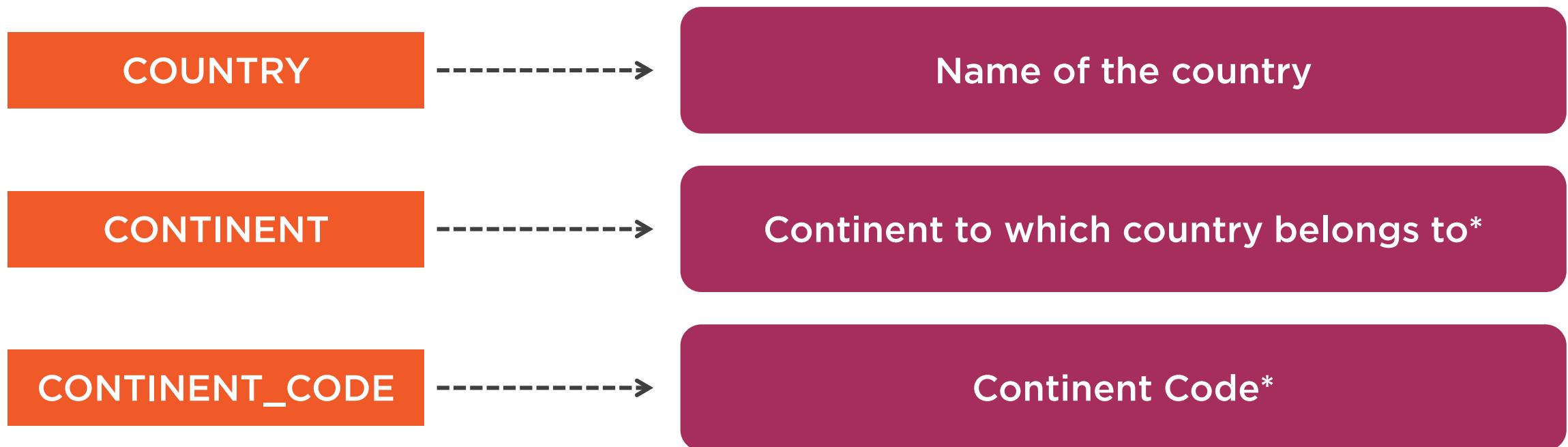
COMBINED_KEY



Combination of province and state



File 2: Mapping File



*Accuracy of the mapping cannot be verified



Insights Types

What are the total number of Covid-19 cases?

Which country has the highest number of Covid-19 cases?

Which continent has the highest number of Covid-19 cases?

Global Distribution of Covid-19 cases

How many fatal cases due to Covid-19?

What is the recovery rate for Covid-19 across the world?



Demo

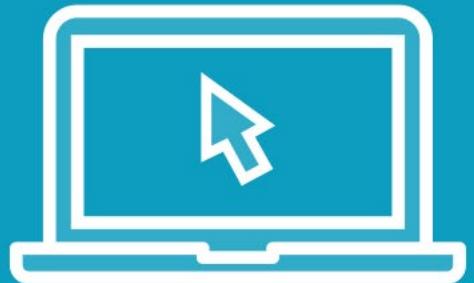


Connect to Dataset

- Load Dataset
- Verify the Data
- Describe Function
- Rename Column
- Cast Column Types



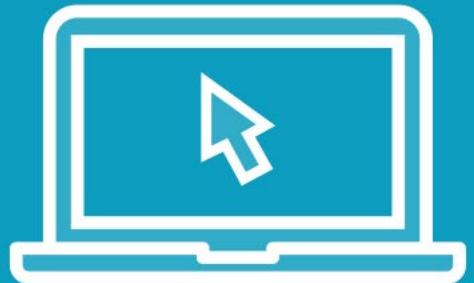
Demo



Create Calculated Fields



Demo



Join Dataset in Tableau



Demo

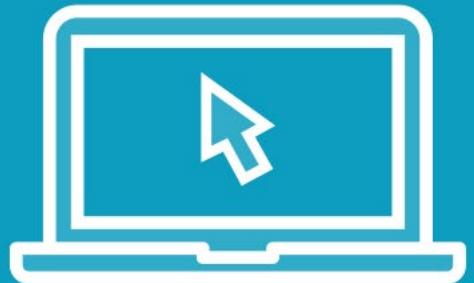


Manipulate Dataset & Columns

- Split Columns
- Replace Values
- Hide Columns



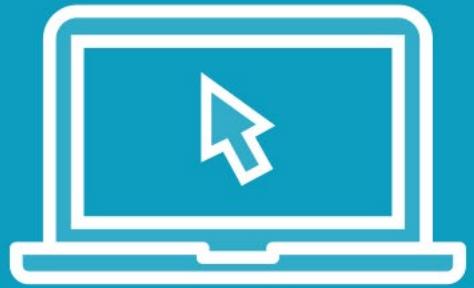
Demo



Build your first Graph: Bar Chart



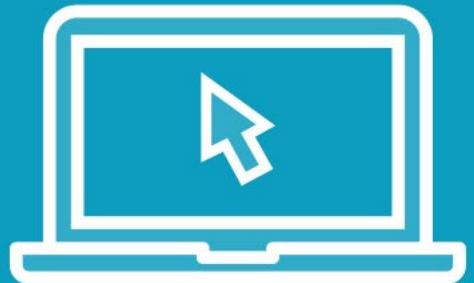
Demo



Build Line Chart



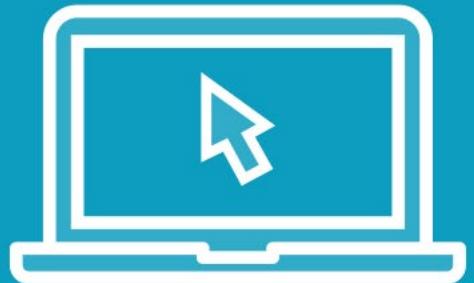
Demo



Build Pie Chart



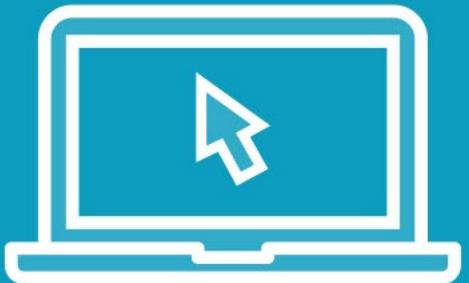
Demo



Build Text Table & Heat Map



Demo



Build World Map and connect covid-19 dataset

