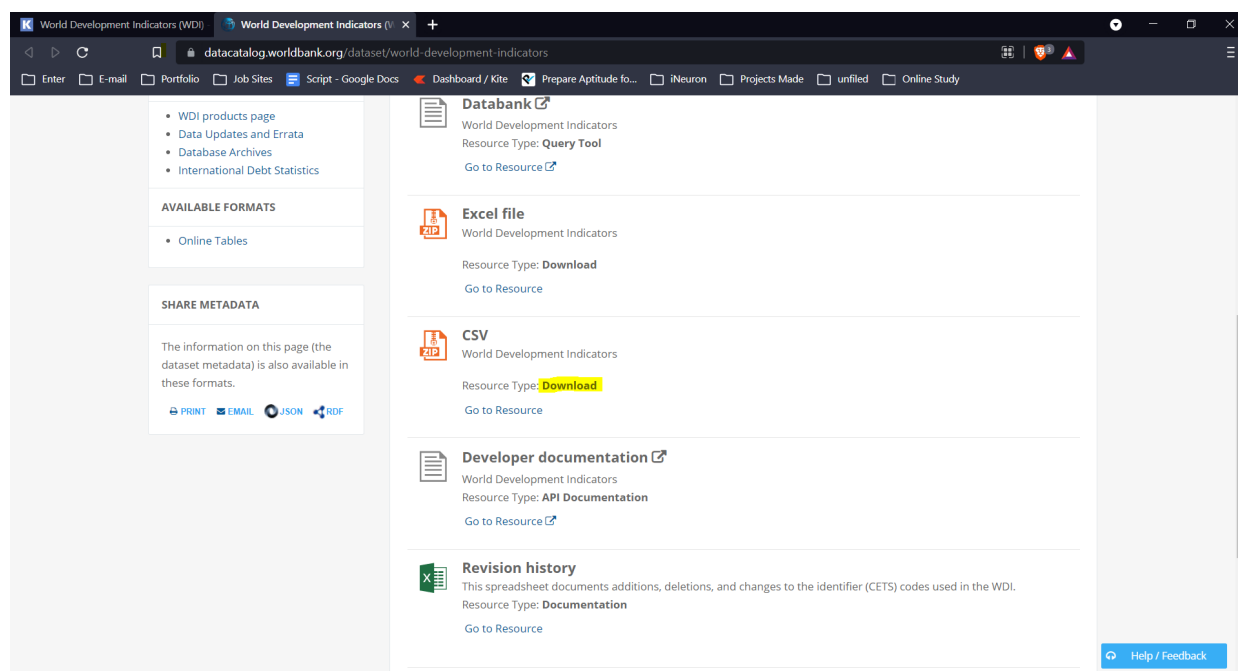


Wireframe Documentation

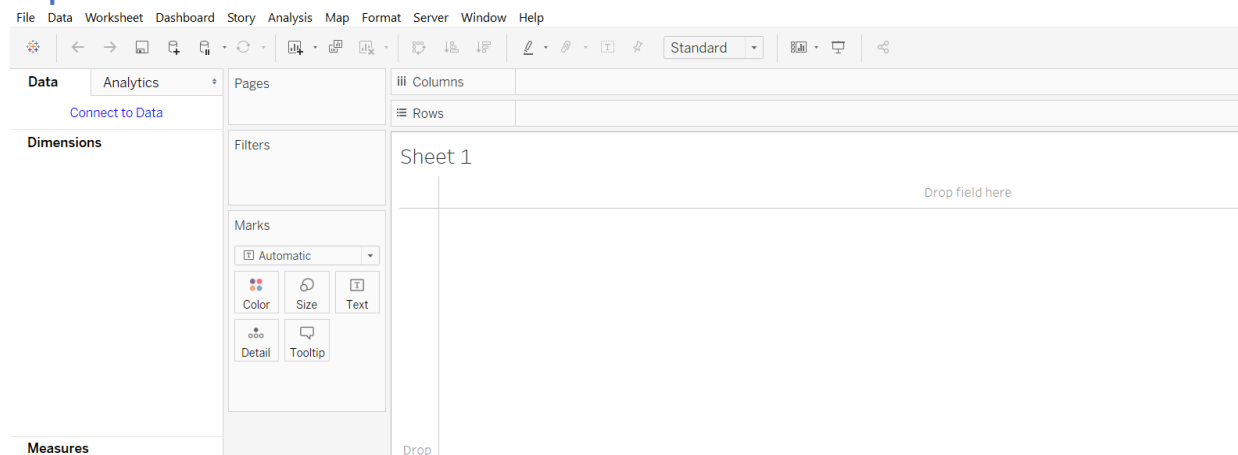
Agriculture Data Analysis - India

Set up the Data Source

Step 1: Download the Dataset in the CSV format.



Step 2: Select Connect to Data in Tableau Software



After selecting the connect to data, select the text file format and upload the csv file on tableau desktop.

Step 3: Setting up the first row as header

After uploading the file

The screenshot shows the Tableau Desktop interface. On the left, the 'Connections' pane lists 'WDIData' as a 'Text file'. Below it, the 'Files' pane shows a list of CSV files including 'WDICountry-Series.csv', 'WDICountry.csv', 'WDIData.csv', 'WDIFootNote.csv', 'WDISeries-Time.csv', and 'WDISeries.csv'. The main view displays a preview of the 'WDIData.csv' file. The table has 16 columns: Country Name, Country Code, Indicator Name, Indicator Code, and years from 1960 to 1971. The first row is highlighted in blue, indicating it is the header row.

Country Name	Country Code	Indicator Name	Indicator Code	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Africa Eastern a...	AFE	Access to clean ...	EG.CFT.ACCS.ZS	null	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Access to electr...	EG.ELC.ACCS.ZS	null	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Access to electr...	EG.ELC.ACCS.RU...	null	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Access to electr...	EG.ELC.ACCS.UR...	null	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Account owners...	FX.OWN.TOTL.ZS	null	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Account owners...	FX.OWN.TOTL.F...	null	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Account owners...	FX.OWN.TOTL.M...	null	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Account owners...	FX.OWN.TOTL.O...	null	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Account owners...	FX.OWN.TOTL.4...	null	null	null	null	null	null	null	null	null	null	null	null

We have to set the first row as header by selecting the WDIdata.csv file and clicking Field names in the first row.

The screenshot shows the 'Data Source' view in Tableau. The first row of the data is highlighted in blue, indicating it is selected as the header row. The columns are: Country Name, Country Code, Indicator Name, Indicator Code, and years from 1960 to 1970.

Country Name	Country Code	Indicator Name	Indicator Code	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Africa Eastern a...	AFE	Access to clean ...	EG.CFT.ACCS.ZS	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Access to electr...	EG.ELC.ACCS.ZS	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Access to electr...	EG.ELC.ACCS.RU...	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Access to electr...	EG.ELC.ACCS.UR...	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Account owners...	FX.OWN.TOTL.ZS	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Account owners...	FX.OWN.TOTL.F...	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Account owners...	FX.OWN.TOTL.M...	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Account owners...	FX.OWN.TOTL.O...	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Account owners...	FX.OWN.TOTL.4...	null	null	null	null	null	null	null	null	null	null	null
Africa Eastern a...	AFE	Account owners...	FX.OWN.TOTL.4...	null	null	null	null	null	null	null	null	null	null	null

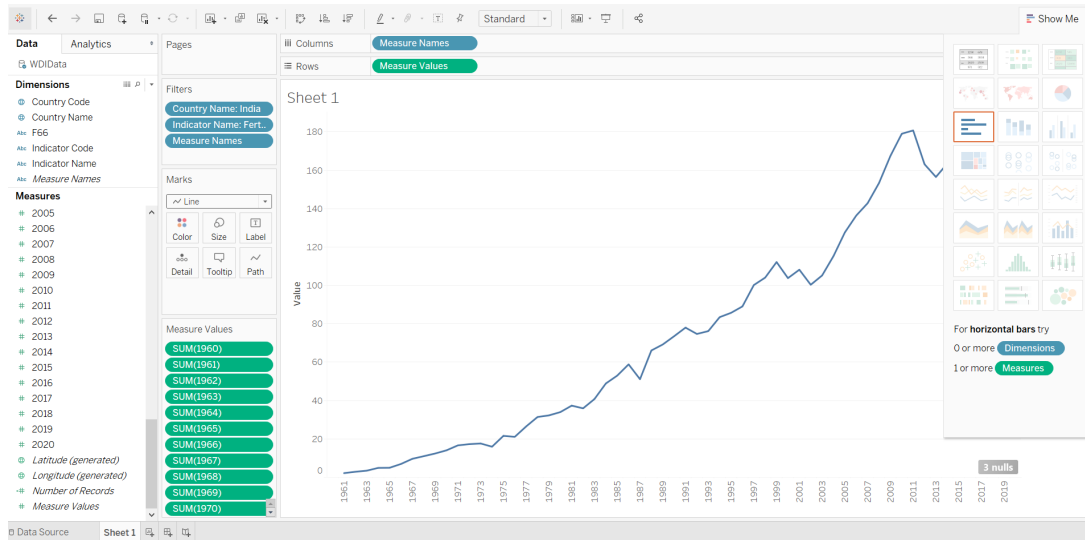
Step 4: Click on Sheet 1 and Insert Country Name, Indicator Name in Filter Shelf

The screenshot shows the Tableau interface with the 'Country Name' and 'Indicator Name' filters added to the Filter shelf. The 'Columns' shelf is empty, and the 'Rows' shelf is empty. The 'Marks' shelf is set to 'Automatic'. The 'Dimensions' pane on the left shows 'Country Code', 'Country Name', 'F66', 'Indicator Code', 'Indicator Name', and 'Measure Names'. The 'Measures' pane on the left shows '1960', '1961', '1962', and '1963'. The 'Filters' shelf contains 'Country Name: India' and 'Indicator Name: Fert..'. The 'Marks' shelf is set to 'Automatic'. The 'Columns' shelf is empty, and the 'Rows' shelf is empty. The 'Sheet 1' view is displayed.

Set the County Name filter to India and Indicator Name filter to fertilize consumption per hectare of land.

Step 5: Visualize the trend line on the sheet

1. Select all the year's values and drop them on the sheet.
2. Click on Show me and select horizontal bars.
3. Change the mark from automatic to line to show it in the line chart.



Step 6: Perform the same operation on other sheets

1. Perform the same operation on other sheets for the following categories:
 - A. India Agriculture value added per worker
 - B. India livestock production index
 - C. India food production index

Create a Dashboard

Step 1: Click on Add Dashboard

Step 2: Drag and Drop all the charts in an appealing manner.

