Assignment 3



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# Agenda

- 1. What is Tableau?
- 2. Tableau products
- 3. What is Tableau Public?
- 4. Download & install Tableau Public
- 5. Creating our first dashboard on Tableau Public
- 6. Publish our first dashboard to a Tableau Public account
- 7. Pros & Cons

### What is Tableau?

Tableau is a data visualization tool where we can easily create charts and graphs by double clicking, dragging and dropping fields



# Tableau products

- 1. Tableau Desktop: "The gold standard"
- 2. Tableau Prep: Prepare the data for analysis
- 3. Tableau Online: Takes the dashboards to the cloud
- 4. Tableau Server: Data sharing s/w for enterprises

# Tableau products

\$70 USD/month for a Creator license

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### What is Tableau Public?

Tableau Public is the free version of Tableau Desktop

"It's a free platform for anyone to create, share, and discover visualizations using public data."

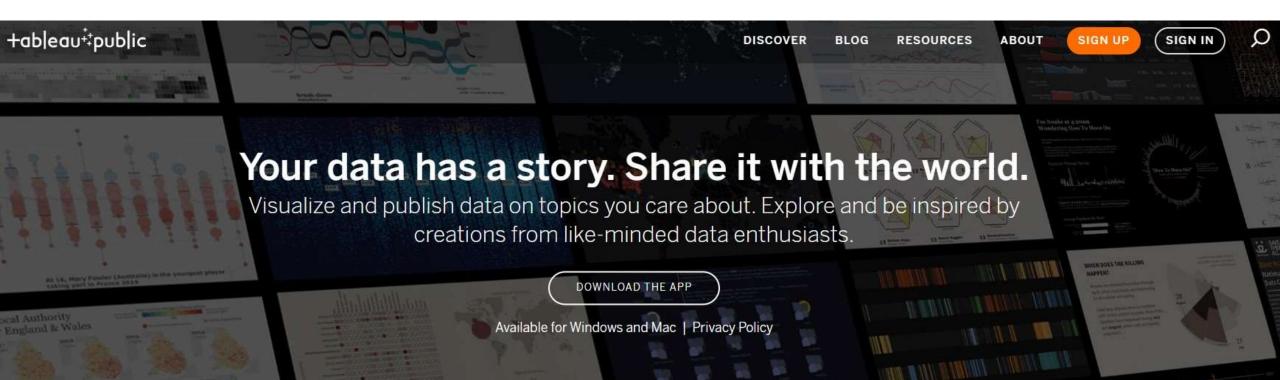
- Tableau.com



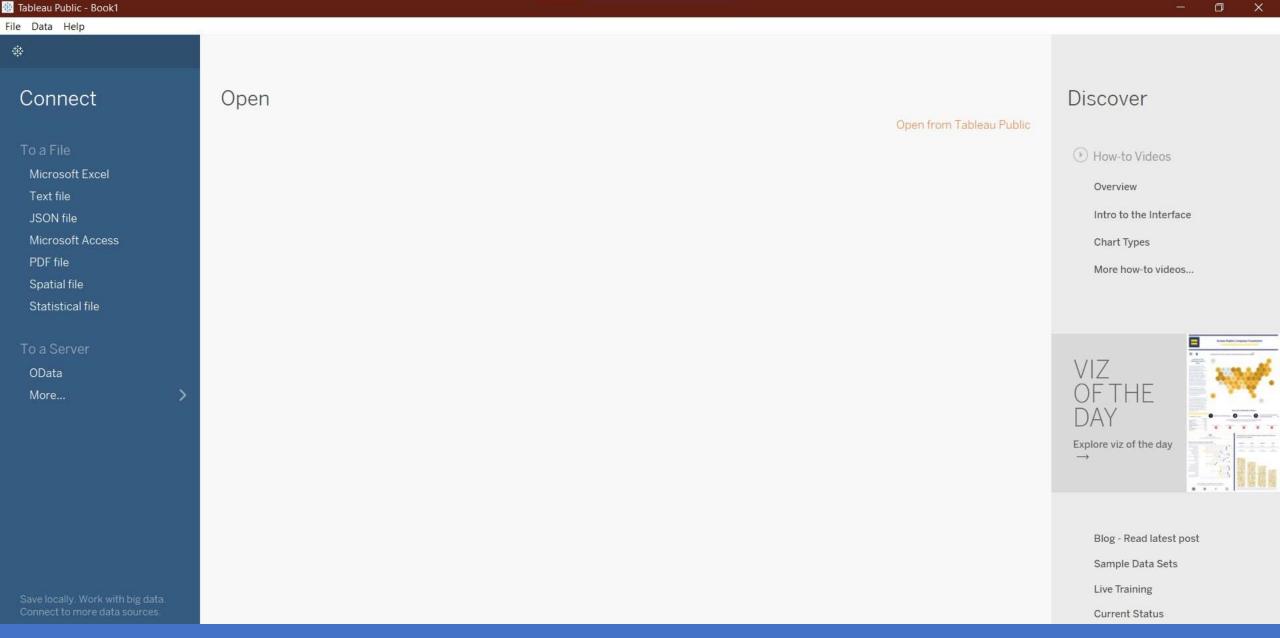
### Download & install Tableau Public

www.tableau.com

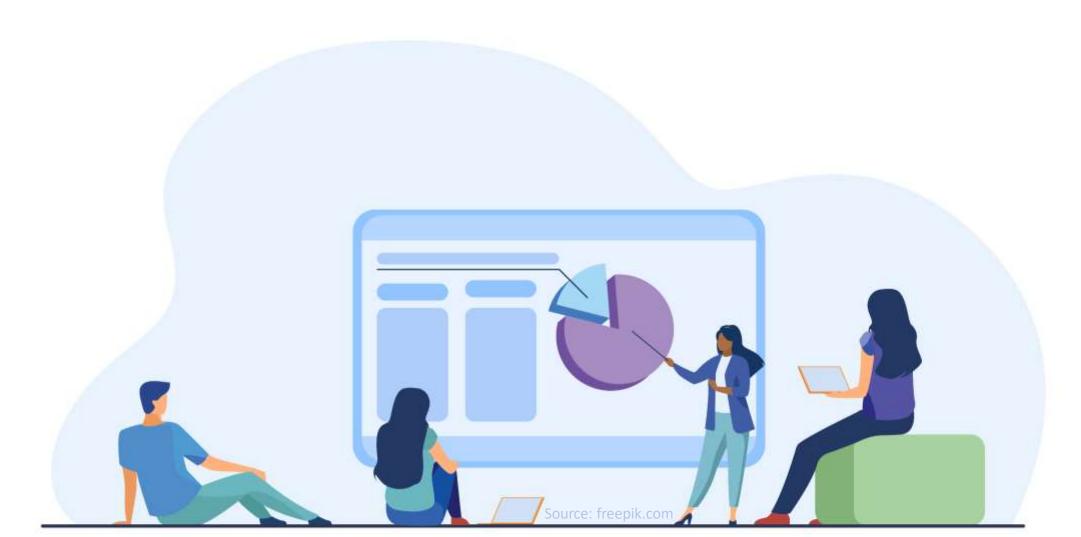
Products
Tableau Public

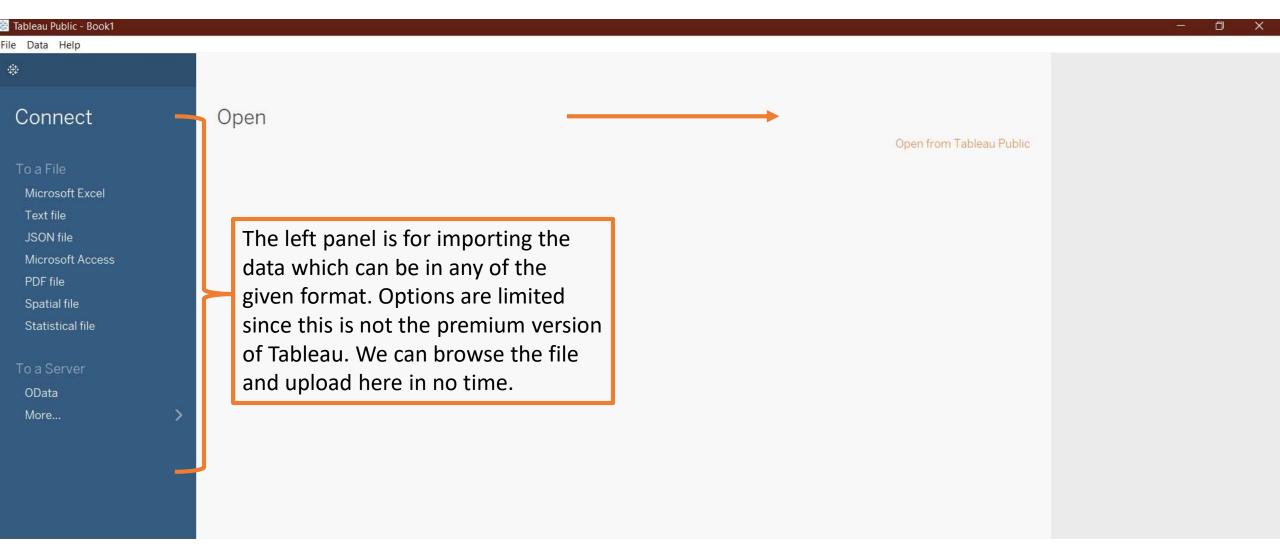


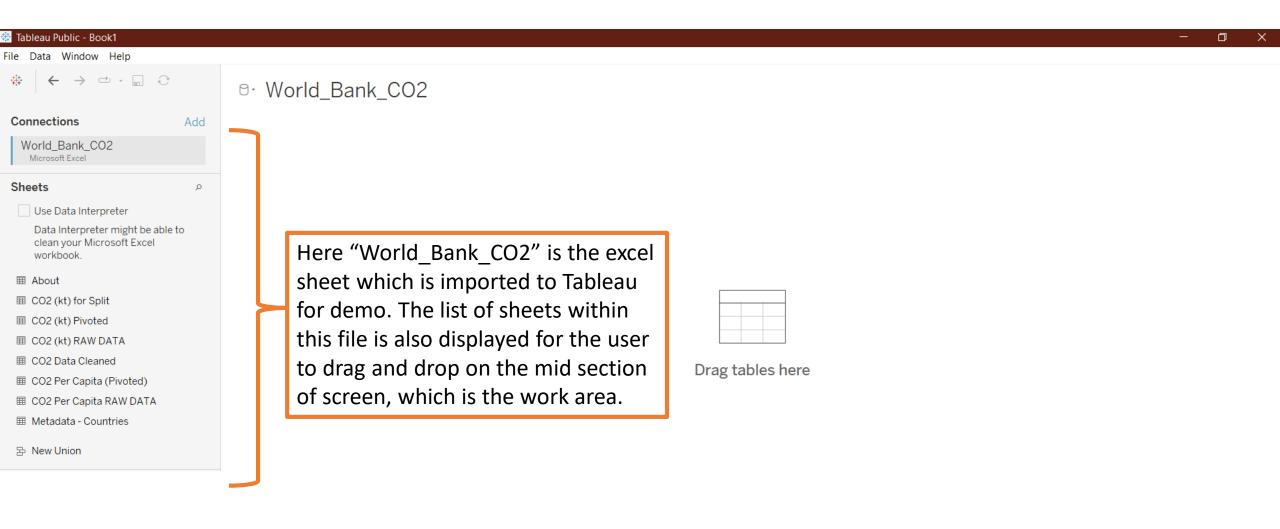
#### Tableau Public Landing Page

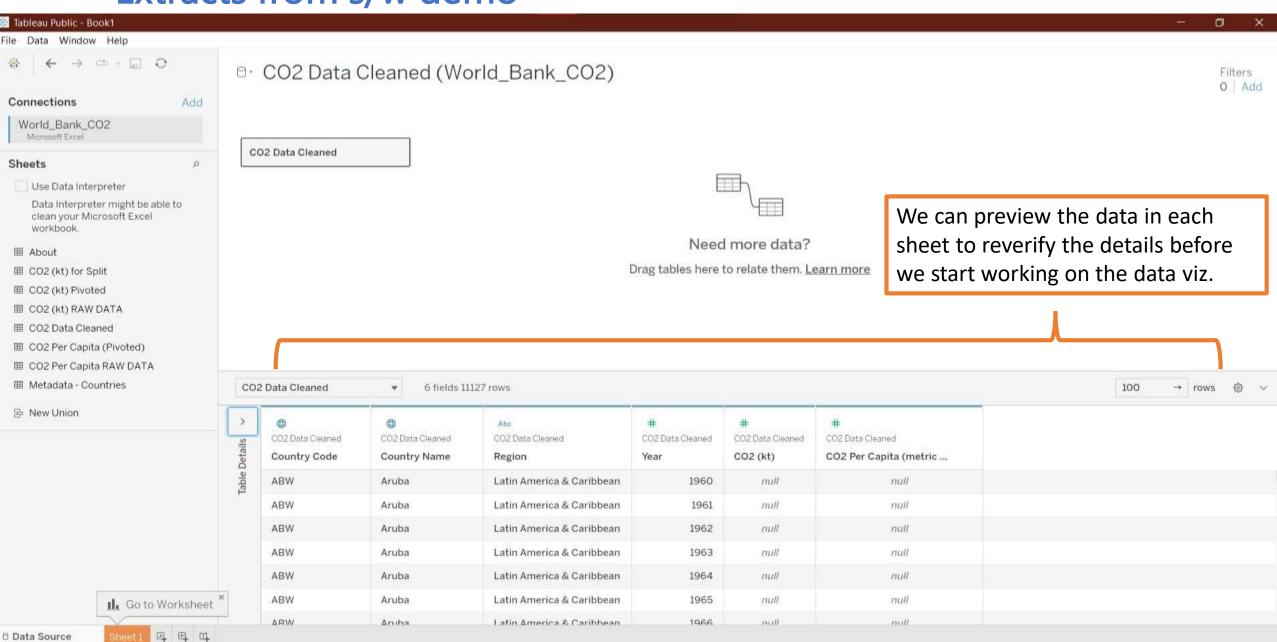


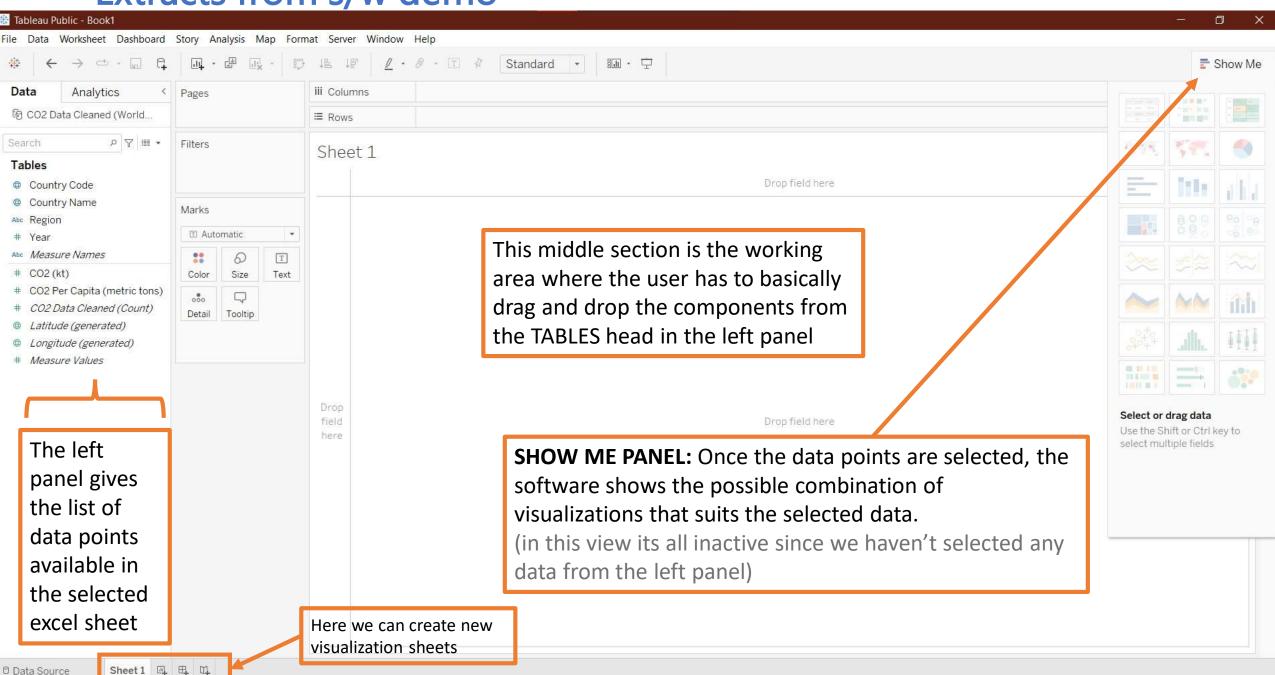
# Live Demo Switching to Tableau Public







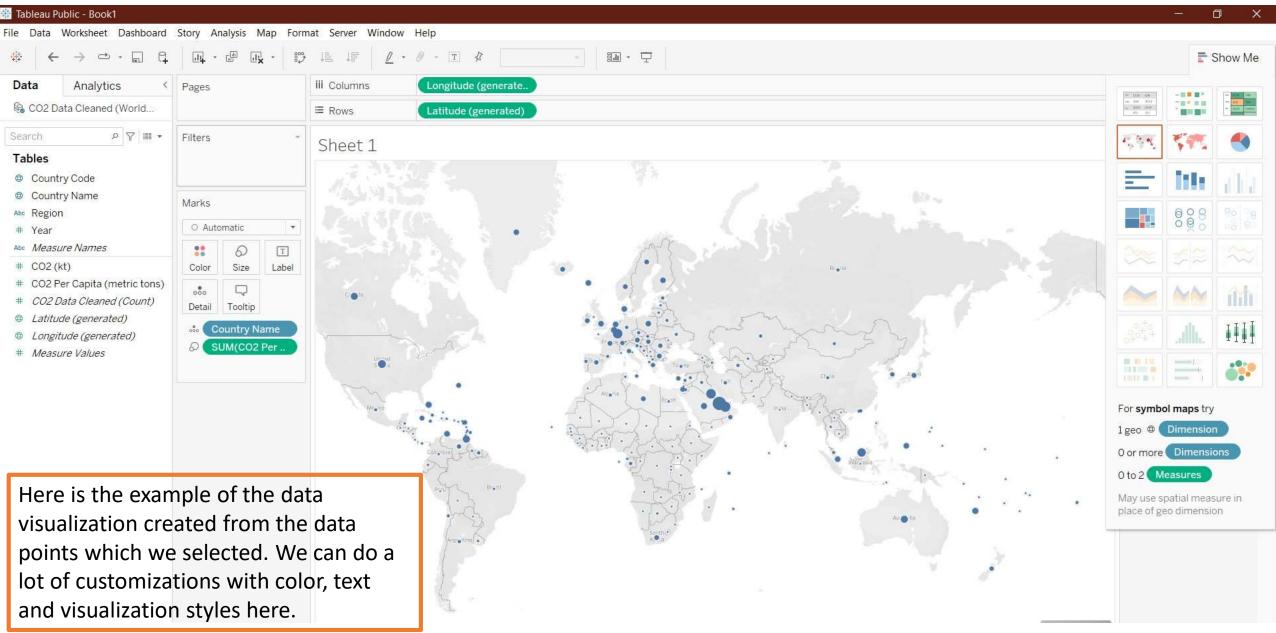


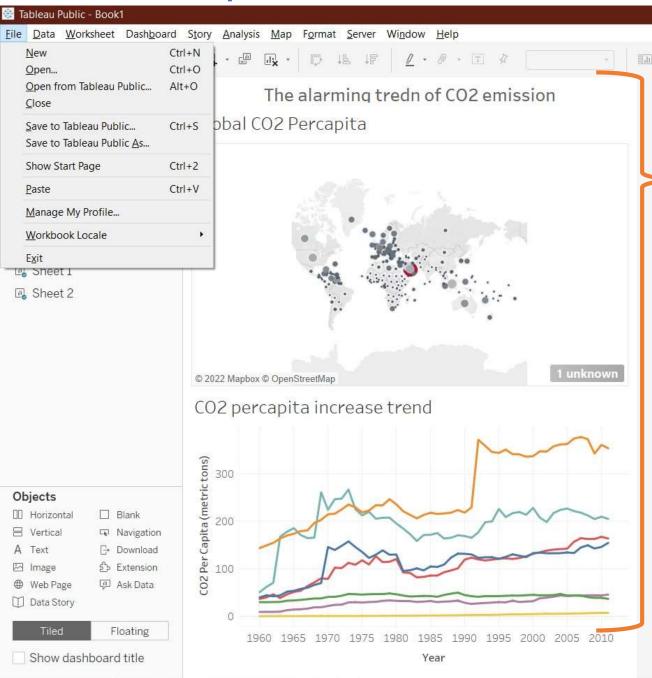


**SHOW ME PANEL:-** Here is the activated view of the show me panel when we selected two data points form the excel sheet content. The software is now intuitively showing which all visualizations are suited for these selected data. Now the user can do some trial and error to land at the one which served the purpose.



#### Shots from s/w demo





Here we combined two visualizations and created a dashboard. There is more customization and interactivity options available here to explore. Once the dashboard is ready, we have to save this as "Tableau Public File" (Shortcut: Ctrl+S)

This will be a public file which can be viewed by anyone from the users
Tableau Public profile. This can then be shared to social media, or can copy embed code to export this to other platforms

### Pros & Cons

### Pros

- 1. It's free
- 2. Impressive visualization
- 3. Ease of use
- 4. Mobile-friendliness
- 5. Thriving community forum

#### Cons

- 1. Security concerns
- 2. Limited data source connections
- 3. No local saving
- 4. No automation
- 5. Data limits
- 6. Limited support

### Takeaway

• Tableau offers powerful data visualization capabilities and high performance that's necessary for processing complex data. Great tool for beginners.

• It is designed for those users who are looking to share data and collaborate publicly.

 Not suitable for those users who are handling confidential or sensitive data.