

Sanjivani Rural Education Society's
Sanjivani College of Engineering, Kopargaon-423603
(An Autonomous Institute Affiliated to Savitribai Phule Pune University, Pune)
NAAC 'A' Grade Accredited, ISO 9001:2015 Certified
Department of Information Technology
NBA Accredited-UG Program

Class: S.Y. B. Tech Semester: IV
Subject: Data Visualization and Story Telling (SEIT261)

Practical No.: 07

Title:

Introduction and installation of tableau visualization tool.

Software Requirements:

- Tableau Public

Theory:

Introduction to Tableau:

Tableau is a powerful data visualization tool used in the Business Intelligence (BI) industry to help users see and understand their data. It allows users to create a wide range of visualizations, from simple bar charts to complex interactive dashboards.

Key Features of Tableau:

- Drag-and-drop interface
- Real-time data analytics
- Interactive dashboards
- Integration with various data sources (Excel, SQL, cloud services, etc.)
- Sharing and collaboration through Tableau Public or Tableau Server

Versions of Tableau:

1. **Tableau Desktop** – Used for creating reports and dashboards.
2. **Tableau Public** – Free version, dashboards are saved to the public cloud.
3. **Tableau Server** – For sharing dashboards within an organization.
4. **Tableau Online** – Cloud version of Tableau Server.

5. **Tableau Reader** – Free desktop app to view Tableau reports locally.

6. **Tableau Prep** – For data preparation and cleaning.

Installation of Tableau Public:

Step 1: Download Tableau

- Visit the official Tableau website: <https://www.tableau.com/products/public/download>
- Navigate to “Products” > “Tableau Public”
- Click on “Try Now” for the free trial (usually 14 days)
- Fill in your email and personal details to download the installer

Step 2: Install Tableau

- Run the downloaded installer
- Accept the license agreement
- Click Install
- After installation, launch Tableau Public

Step 3: Sign In or Create an Account

- When Tableau Public opens, it will prompt you to sign in
- Create a free Tableau Public account or log in if you already have one
- You're now ready to start building and publishing dashboards!

System Requirements:

- **Windows:** Windows 10 or later (64-bit), 2 GB RAM minimum (4+ GB recommended)
- **Mac:** macOS Mojave (10.14) or later
- **Disk space:** ~1.5 GB available
- **Processor:** Intel Pentium or newer

Connect to the data that matters most to you with Tableau's intuitive drag-and-drop interface to effortlessly create interactive graphs, stunning maps, and live dashboards in minutes. Save your work to your local desktop or publish your viz to your Tableau Public profile. Anyone can do it, it's that easy—and it's free.

Almost there!

It only takes 15 seconds to fill out. If you're already registered, [sign in](#).

[Back to Register Step](#)

By registering, you confirm that you agree to the processing of your personal data by Salesforce as described in the [Privacy Statement](#).

Download the app

Fig 1. Official Tableau Public Website

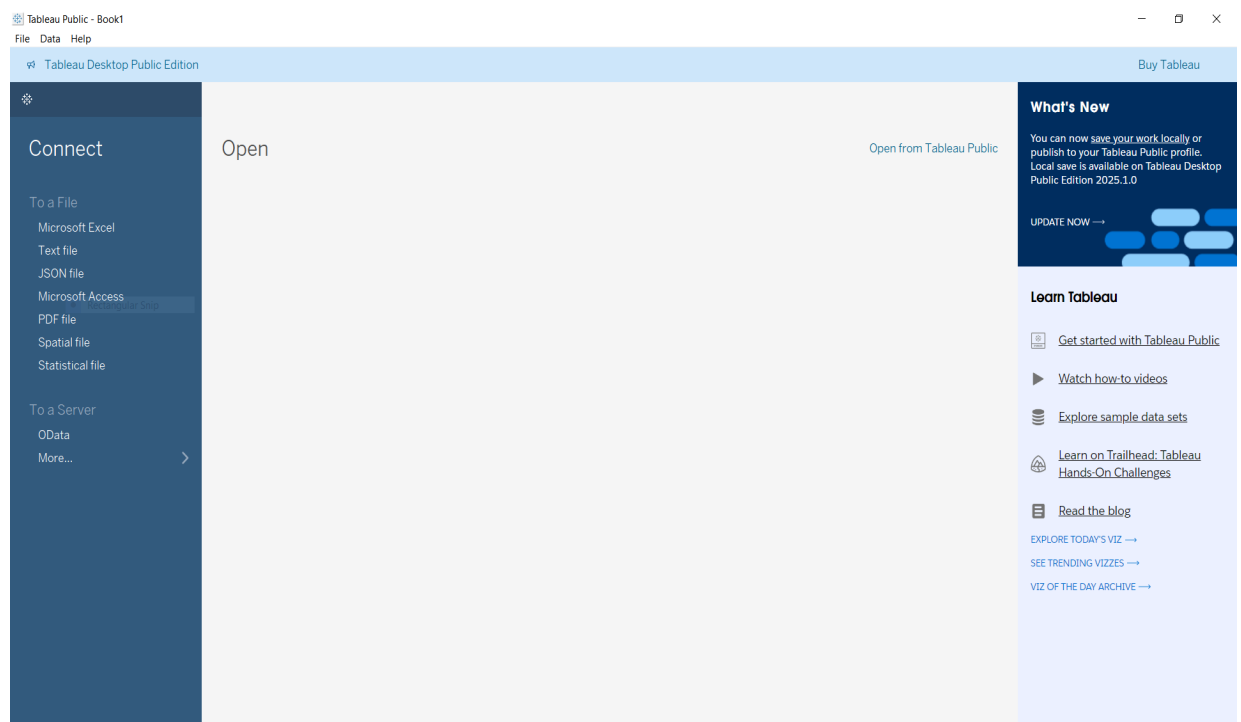


Fig 2. Tableau Public Workspace

Frequently Asked Questions:

1. Is Tableau Public free to use?
2. What types of data can I use in Tableau Public?
3. Can I save my work privately in Tableau Public?
4. Do I need an account to use Tableau Public?
5. Can I use Tableau Public offline?

Conclusion:

Thus, Successfully Installed Tableau Public which is a powerful and free data visualization tool ideal for beginners and data enthusiasts. It allows users to create interactive dashboards and share them publicly online. Though it has some limitations compared to Tableau Desktop, it's perfect for learning and showcasing data skills. With its user-friendly interface and strong community, Tableau Public is a great starting point in the world of data visualization.

References:

- Practical Tableau: 100 Tips, Tutorials, and Strategies from a Tableau Zen Master, Ryan Sleeper, Oreilly Publications, 2018
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- Learn Power BI: A Comprehensive, Step-by-step Guide for Beginners to Learn Real-world Business Intelligence - Greg Deckler, 2022.
- Tableau 10 Complete Reference: Joshua N Milligan.

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