

# **plugging into the future: an exploration of electricity consumption patterns using tableau**

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|---------------|--|
| *DATE         | 28-02-2026   |
| TEAM ID       | LTVIP2026TMIDS89110  |
| PROJECT NAME  | plugging into the future: an exploration of electricity consumption patterns using tableau |
| MAXIMUM MARKS | 4 MARKS  |

## **Chapter - 6**

### **6.1 - Pre-Requisites**

Tableau Installation Guide:

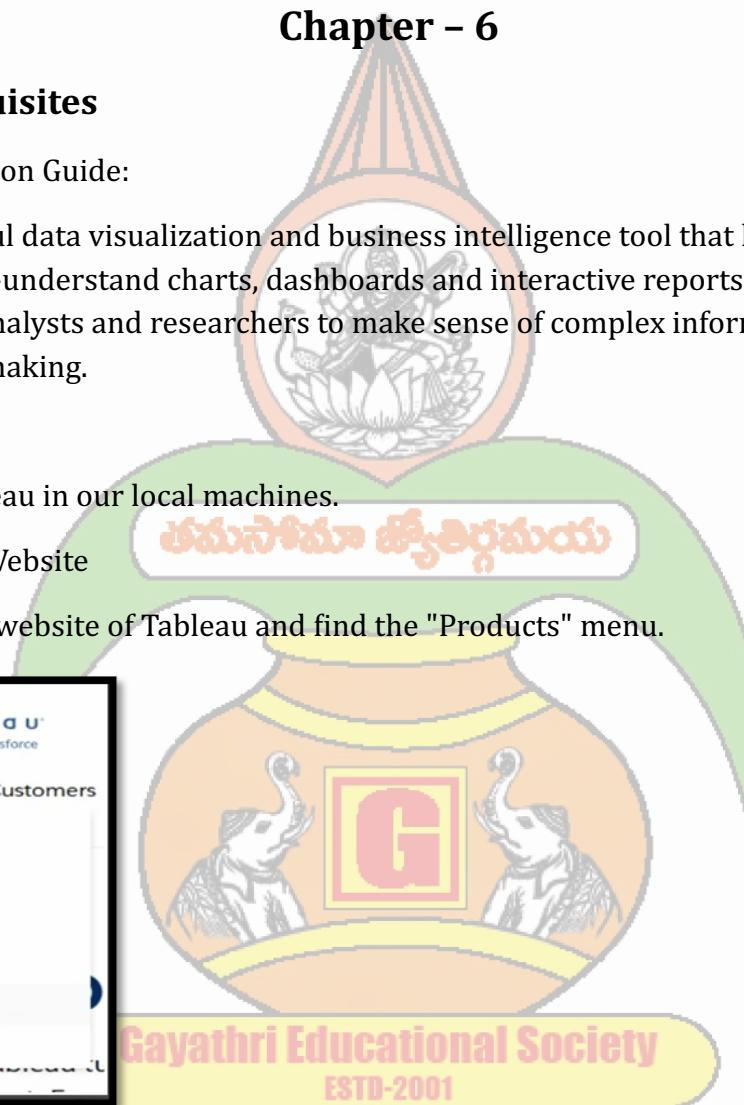
Tableau is a useful data visualization and business intelligence tool that helps us turn raw data into easy-to-understand charts, dashboards and interactive reports. It is widely used for businesses, analysts and researchers to make sense of complex information and support better decision-making.

Installation:

Let's install Tableau in our local machines.

Step 1: Tableau Website

Go to the official website of Tableau and find the "Products" menu.



Step 2: Tableau Products

Tableau provides various ways to use its features which includes:

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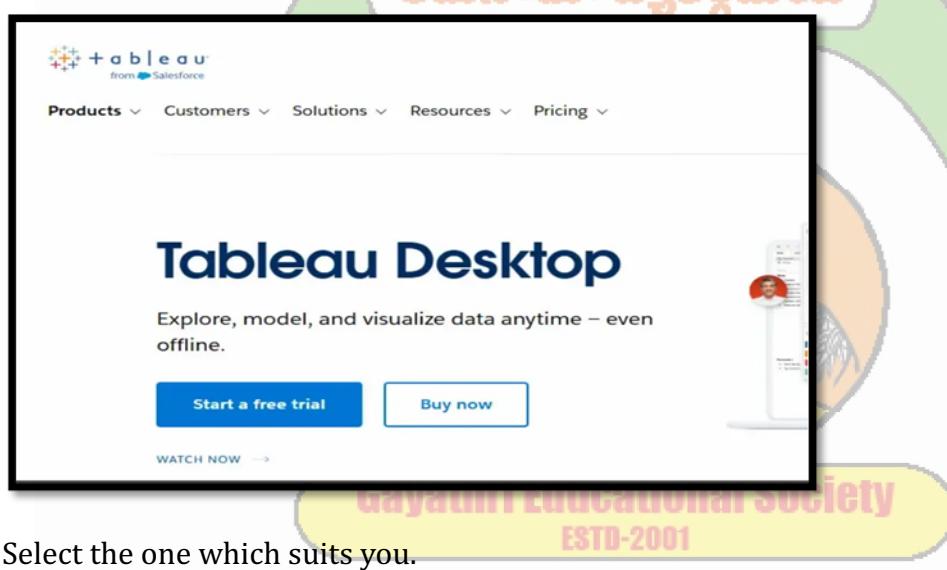
- Tableau Cloud: Cloud-based analytics platform, fully hosted without server management, for data analysis and secure sharing.
- Tableau Server: Self-hosted platform for on-premises or cloud deployment, giving full control over data and analytics environment.
- Tableau Desktop: Authoring tool used to create visualizations and dashboards, supporting offline and deep data exploration.
- Tableau Next: Future-focused AI and modular analytics platform integrating smart workflows and quicker insights.
- Other Products: Tableau Prep (data cleaning), Tableau Public (free public visualizations), Tableau Mobile (mobile access).

We will download the desktop version.

Step 3: Select the Tableau Desktop

We will select the Tableau Desktop option and then there we can have two option:

- Start Free Trial
- Buy Now

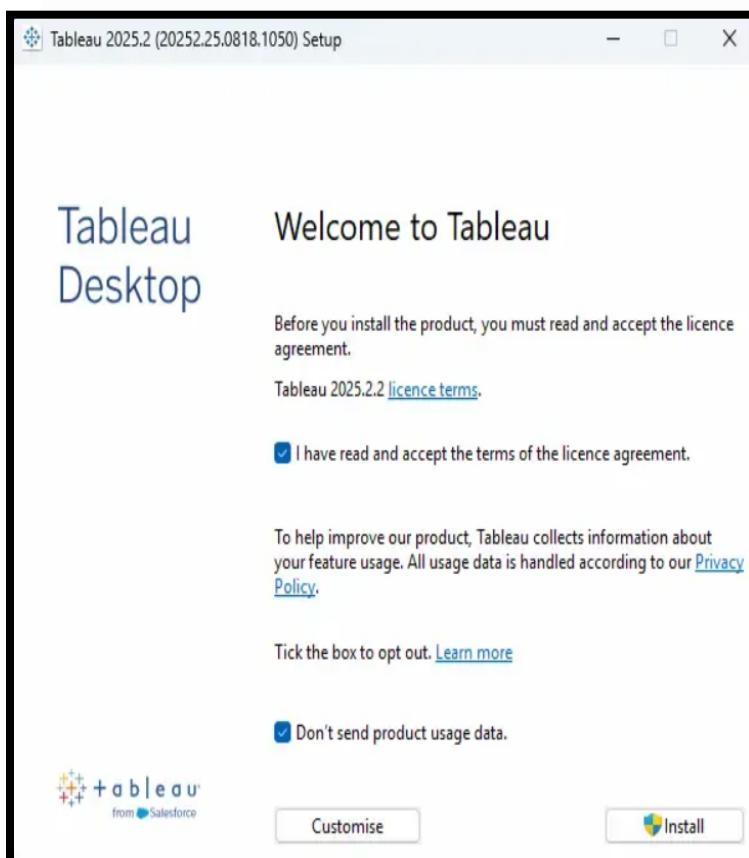


Select the one which suits you.

Step 4: Installation

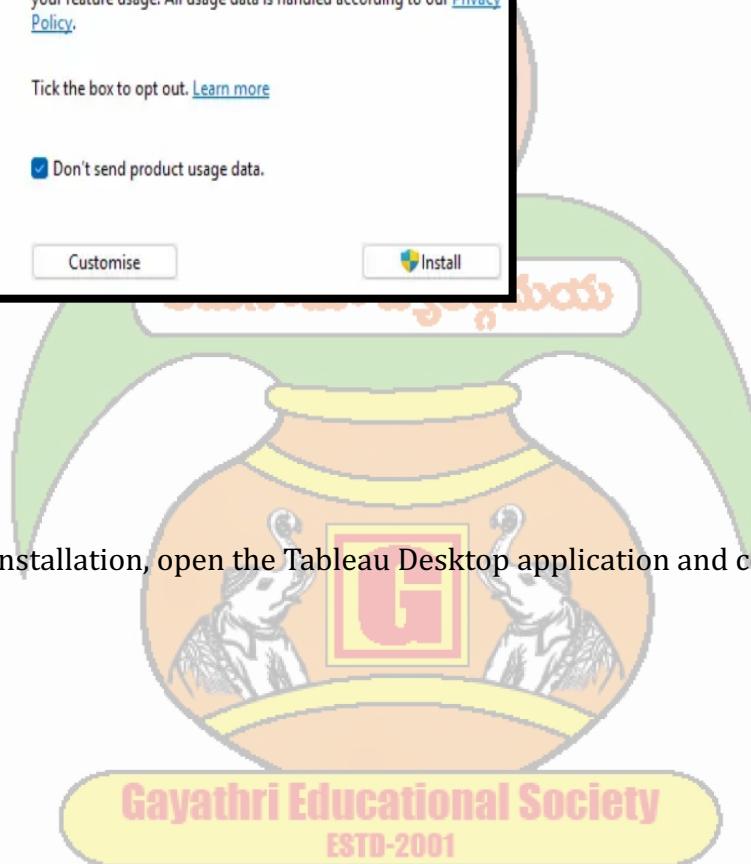
After selecting the option, the setup will get downloaded. After downloading the setup, we need to install it. Open the setup file and proceed with the setup.

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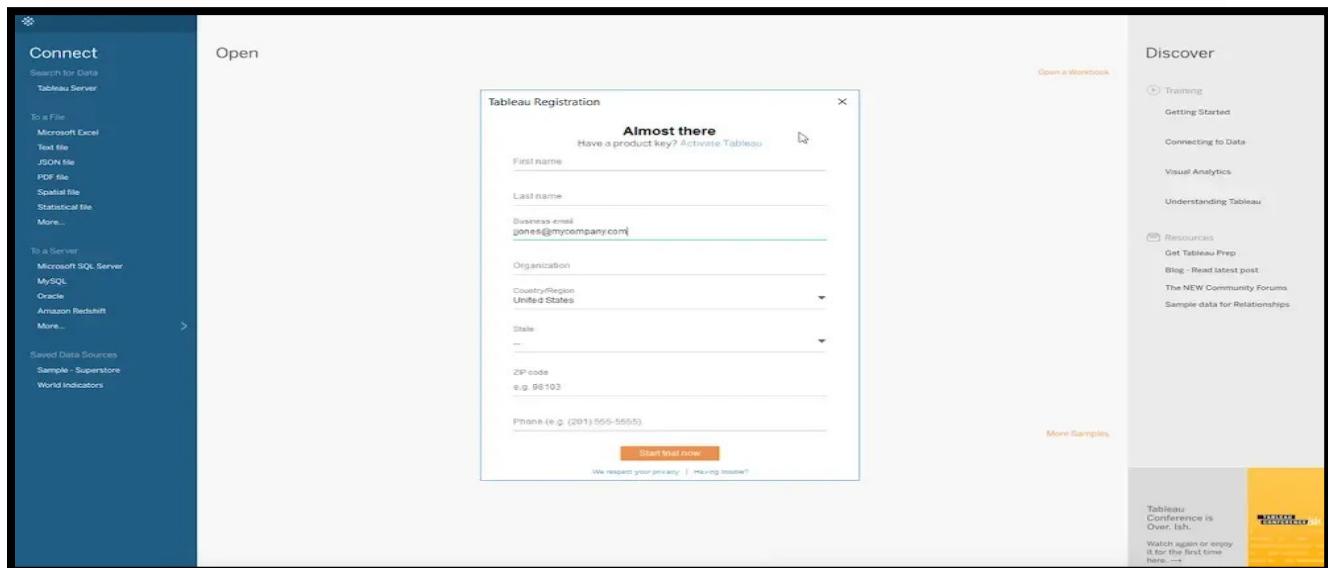


## Step 5: Setup

After successful installation, open the Tableau Desktop application and complete the registration.



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## Step 6: Tableau Desktop

After completing the registration, Tableau is ready to be used.



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