UNIVERSITY INSTITUTE of COMPUTING
Asia's Fastest Growing University

NAAC GRADE A+ ACCREDITED UNIVERSITY

Experiment No-5

Student Name: Akashdeep Kumar
Branch: MCA
Semester: 3rd
Subject Name: Buisness Analytics

UID: 24MCA20209
Section/Group: 24MCA-4(A)
Date of Performance: 17/09/2025
Subject Code: 24CAP-703

Aim:

Installation of Tableau:

Description:

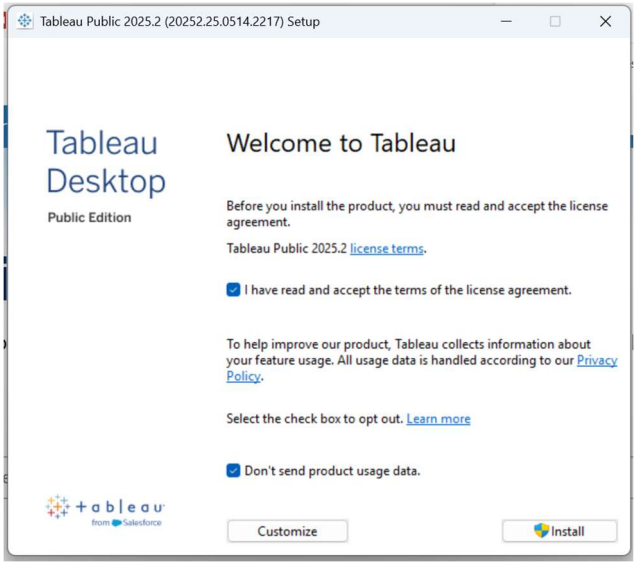
Steps to Download & Install Tableau:

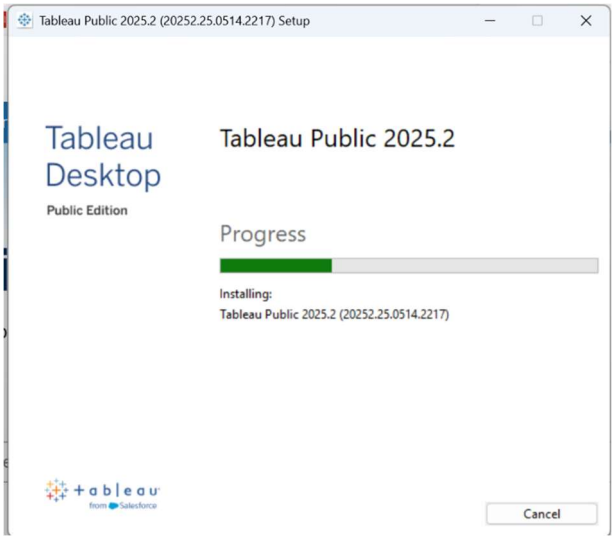
1. Go to the official **Tableau website** → https://www.tableau.com.
2. Click on **"Products"** → **"Tableau Desktop"** (main tool for data visualization).
3. If you're a **student** → Apply for **Tableau for Students** (you get 1-year free license). https://www.tableau.com/academic/students
4. Otherwise, download the **14-day free trial** of Tableau Desktop.
5. Fill in your basic details (name, email, etc.) and click **Download**.
6. Once downloaded, double-click the .exe file (Windows) or .dmg file (Mac).
7. Click **Install** and wait for Tableau to set up.
8. Launch **Tableau Desktop** from Start Menu/Applications.
9. Sign in using your **Tableau account** credentials (created during download).
10. Start using Tableau → Connect to Excel, CSV, or databases and build dashboards.

Important Points about Tableau:

1. **Data Visualization Tool** → Tableau helps create interactive and shareable dashboards.
2. **Connects to Multiple Sources** → Excel, CSV, SQL, Google Sheets, Cloud Databases, etc.
3. **Drag-and-Drop Interface** → Easy to use, no coding required.
4. **Powerful Data Analysis** → Supports filtering, grouping, clustering, and forecasting.
5. **Real-Time Data** → Can connect to live databases for real-time updates.
6. **Interactive Dashboards** → Allows drill-downs, filters, and actions.
7. **Strong Community** → Large user base with forums, learning resources, and support.
8. **Data Security** → Supports user-level permissions and secure sharing.
9. **Cross-Platform Sharing** → Dashboards can be published on Tableau Server or Tableau Public.
10. **Widely Used in Industry** → Business Intelligence, Finance, Healthcare, Marketing, and more.

Output:





Learning Outcomes:

1. Master Data Visualization – You will learn how to convert raw data into interactive charts and dashboards.
2. Improved Decision-Making – Gain skills to analyze patterns and trends for business insights.
3. Hands-On with Real Datasets – Practice connecting and cleaning data from multiple sources.
4. Industry-Relevant Skills – Tableau is widely used in BI, analytics, and consulting roles.
5. Boost Career Opportunities – Enhances your resume and opens jobs in Data Analyst / BI Developer domains.