

WEB INTEGRATION

Web integration of a Tableau Dashboard Story involves embedding interactive visualizations into a website or web application. This allows users to explore data insights directly within a web interface, enhancing accessibility and engagement. It supports real-time updates, user filtering, and seamless navigation for a dynamic data storytelling experience.

ACTIVITY 1 : PUBLISHING

Publishing helps us to track and monitor key performance metrics and to communicate results and progress. help a publisher stay informed, make better decisions, and communicate their performance to others.

1. Prepare Your Dashboard or Story

- Ensure your dashboard or story is complete and working as expected.
- Clean up any unnecessary sheets or data to reduce file size.

2. Sign in to Tableau Public

- In Tableau Desktop, go to File > Save to Tableau Public.
- If you're not already signed in, a login window will appear.
- Enter your Tableau Public credentials or sign up if you don't have an account.

3. Save and Publish

- After logging in, you'll be prompted to name your workbook.
- Click Save – Tableau will upload the workbook to your Tableau Public profile.

4. View Your Published Dashboard/Story

- After uploading, your browser will open the published workbook on your Tableau Public profile.
- Here you can:
 - Share the link
 - Embed it into a website
 - Set the workbook to public or hidden

ACTIVITY 2 : DASHBOARD AND STORY EMBED WITH UI WITH FLASK

This section demonstrates how to embed **Tableau Dashboards and Stories** within a **Flask web application** to provide interactive, real-time access to heart disease insights. By integrating Tableau's powerful visualization capabilities with Flask's lightweight framework, users can explore dashboards directly in a browser, making the analysis more accessible, shareable, and actionable for healthcare professionals, policymakers, and individuals.

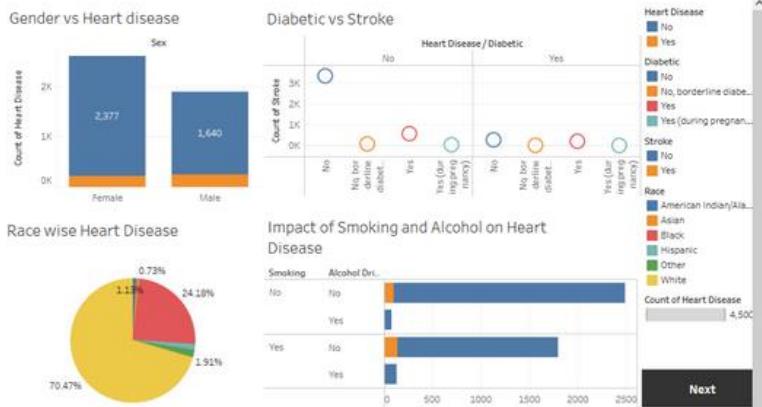


This screenshot shows the same web application interface as the previous one, but with a visible sidebar on the left. The sidebar contains two sections of text. The first section defines 'Heart disease (heart disease)' as a group of diseases related to cardiovascular diseases, manifested by a violation of the normal functioning of the heart. It notes that damage to the epicardium, pericardium, myocardium, endocardium, valvular apparatus of the heart, and heart vessels can cause it. The second section quotes the National Heart, Lung and Blood Institute in Framingham (USA), stating that obesity, sedentary lifestyle, and smoking are the most important factors in the development of cardiovascular disease in humans. To the right of the sidebar, there is a circular graphic featuring a red heart in the center, surrounded by various medical icons like a stethoscope, a syringe, and a brain. A doctor's hand, wearing a white coat, is shown interacting with this graphic. The overall layout includes a header with a 'Welcome' logo and a 'Get Started' button.

Welcome

Home About Dashboard Story Contact Get Started

DASHBOARD



Welcome

Heart Disease Story

Home About Dashboard Story Contact Get Started

