

# **Project Demonstration-An Exploration of Heart Disease Analysis**

## **Using Tableau**

### **1. Project Demo Planning**

The project demonstration was carefully planned to present the system in a logical and structured manner. The demo started with an introduction to the problem statement and dataset, followed by explanation of data preparation steps. After that, each dashboard scenario was demonstrated with real use cases. The story feature was shown at the end to summarize insights. This planned flow ensured that the audience could easily follow the system functionalities.

### **2. Communication**

Clear and effective communication was maintained throughout the demonstration. Technical terms were explained in simple language for better understanding. Visual aids such as dashboards and charts were used to support explanations. The team ensured continuous interaction with the audience by encouraging questions. This helped in building confidence and clarity about the project.

### **3. Demonstration of Proposed Features**

The demonstration covered all proposed features including data connectivity, cleaning, dashboard creation, and story visualization. The three scenarios were explained in detail, showing different perspectives of heart disease analysis. The predictive insights were highlighted to show practical benefits. Each feature was demonstrated using real examples from the dataset to ensure authenticity.

### **4. Team Involvement in Demonstration**

All team members actively participated in the demonstration process. Responsibilities were divided so that each member explained a specific module. The team coordinated well and supported each other during transitions. This collaborative approach reflected strong teamwork and preparation. The involvement of all members ensured a smooth and professional presentation.

### **5. Scalability & Future Plan**

The system is designed with scalability in mind, allowing integration of larger datasets and real-time data sources in the future. Advanced machine learning models such as deep

learning can be incorporated for more accurate predictions. The system can also be extended to mobile platforms for wider accessibility. Future plans include integration with hospital systems and wearable devices for real-time health monitoring. This makes the solution sustainable and future-ready.

### **Final Project Video Link**

**Link of the video:**