Team ID:	PNT2022TMID14141
Project name:	Visualizing and Predicting Heart Diseases with an Interactive Dash Board

EXPLORATION OF DATA

Exploration of Data relationships among the values is presented along with plotting of Average Age for different Chest Pain Types. For visualizing it, we will require the following data:
* Sex
* Age
* Chest Pain Type.

Create a data set to group a customized collection of items that you use frequently. Data sets can be created from packages or data modules.

Procedure

1. Navigate to a package or data module in **Team content** or **My content**.
2. From the package or data module context menu tap **Create data set**.
3. Drag the data items from the source pane to the data set editor pane. The items appear as columnar data in a similar fashion to a list report.

4. For relational data or data modules, select the **Summarize detailed values, suppressing duplicates** check box.

   If you are not sure if this check box should be selected, clear the check box to see how the data is aggregated in the edit window. Condensed data that is set into fewer rows usually leads to better performing reports and dashboards. A reason for not aggregating the data in your data set is that you lose some details in the process, and the data from one system might not match the data from another system. This is especially true for calculations, such as an average.

5. To add filters to the columns or individual items of the data set, tap the item and then tap . You can add a customized filter or use one of the preset options.

6. For data with prompts, tap **Re prompt** to choose values or enter different values.

7. If your data set is very large, you can tap the **Page views** icon and toggle between the two settings:
   - Tap **Page design** to avoid delays in data retrieval.
   - Tap **Page preview** when you want to see the refreshed data.

8. After you are done adding columns, tap the save icon .
    ○ To save the data set for the first time or to save changes to the data set, from the drop-down list tap **Save**. This option saves the metadata, but does not load the data. Depending on the data set, loading data may take some time.
    ○ To save an updated data set to a new data set, from the drop-down list tap **Save as**. This option saves the metadata, but does not load the data. Depending on the data set, loading data may take some time.
    ○ To save the data set and load the data, from the drop-down list tap **Save and load data**. In addition to saving new or changed metadata, this option loads data. This data is immediately available when you use it in the creation of a dashboard or story.
9. In the **Save as** window, choose where to save the data set. In the **Save as** box, type a name, and then tap **Save**.