⌄ Steps for Tabular Data Classification

1. Download the [Titanic](#) dataset file.
2. Open Google Colab
3. Upload the file in Google Colab
4. Click the folder icon on the left sidebar of your Colab Notebook to open the file explorer.
5. Navigate to the desired directory. If you want to upload to a specific subdirectory, navigate into it. Otherwise, files will be uploaded to the current working directory (e.g. /content/).
6. Upload the file. (Drag and Drop / Use the upload button)
7. Upload the data in `csv` format into ChatGPT (or any other AI tool) and ask it read the data.

```
I have a CSV file called "Titanic-Dataset.csv".
Can you generate Python code using pandas to load the data and show the first few rows in (
```

8. Prompt for cleaning the data below and run it in Colab.

```
Can you help me write code to clean this dataset?
Include steps like handling missing values and converting categorical columns to numeric.
```

9. Prompt which asks ChatGPT to extract meaningful features that can be used from the data based on the outcome we want to predict, and paste it on ChatGPT.

```
In the Titanic dataset, I want to predict the "Survived" column.
Can you suggest which columns should be used as features and how to prepare them?
```

10. Prompt to train the classification model

```
Write a code to train a classification model to predict survival.
```

11. Promt to evaluate the model

```
Add code to evaluate the model using accuracy, confusion matrix, and classification report
```