Supporting Documentation

This document explains how to use the Shiny app “CourseProjectApp”.

About the App

This App help users do some primary data checking, including:

- what are the variables

- types and lengths of each variable

- plot of x ~ y

- plot of x ~ y with color code (categorized?)

App Interface

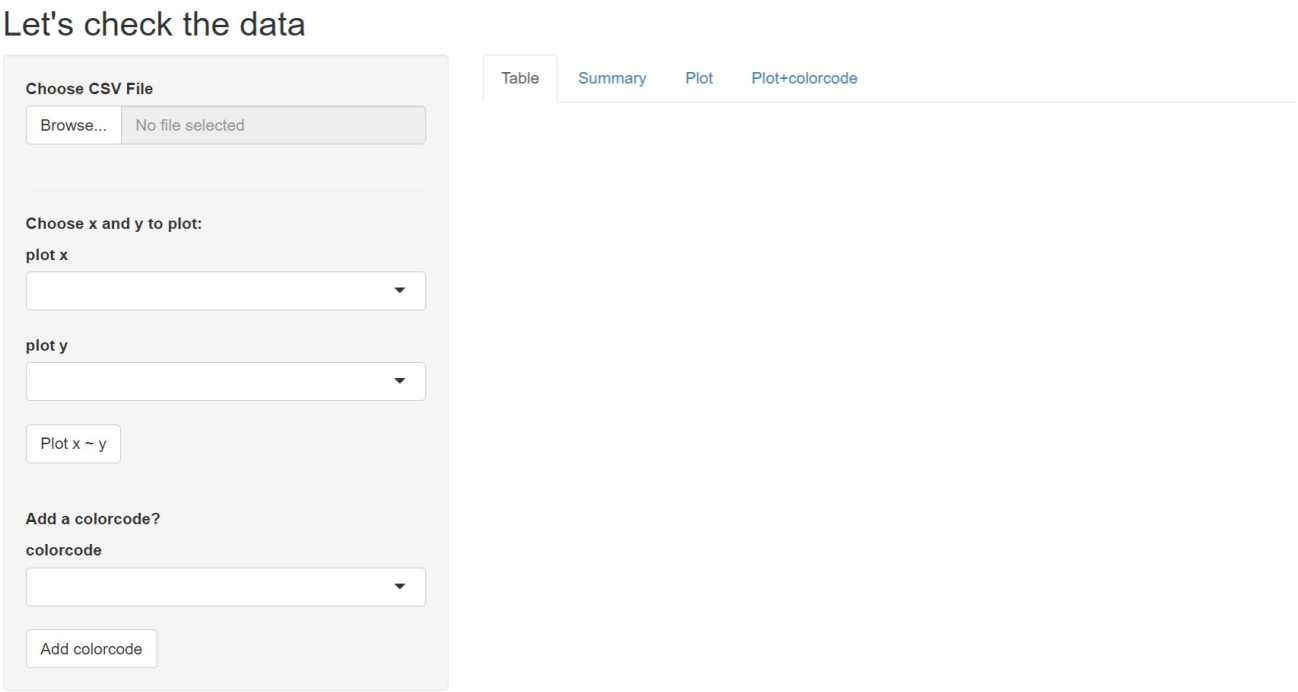

Fig 1. App Interface

How to use the App

Step 1: upload your csv. file and check the data in "Table" and "Summary" tabs (red rectangular in Fig2)

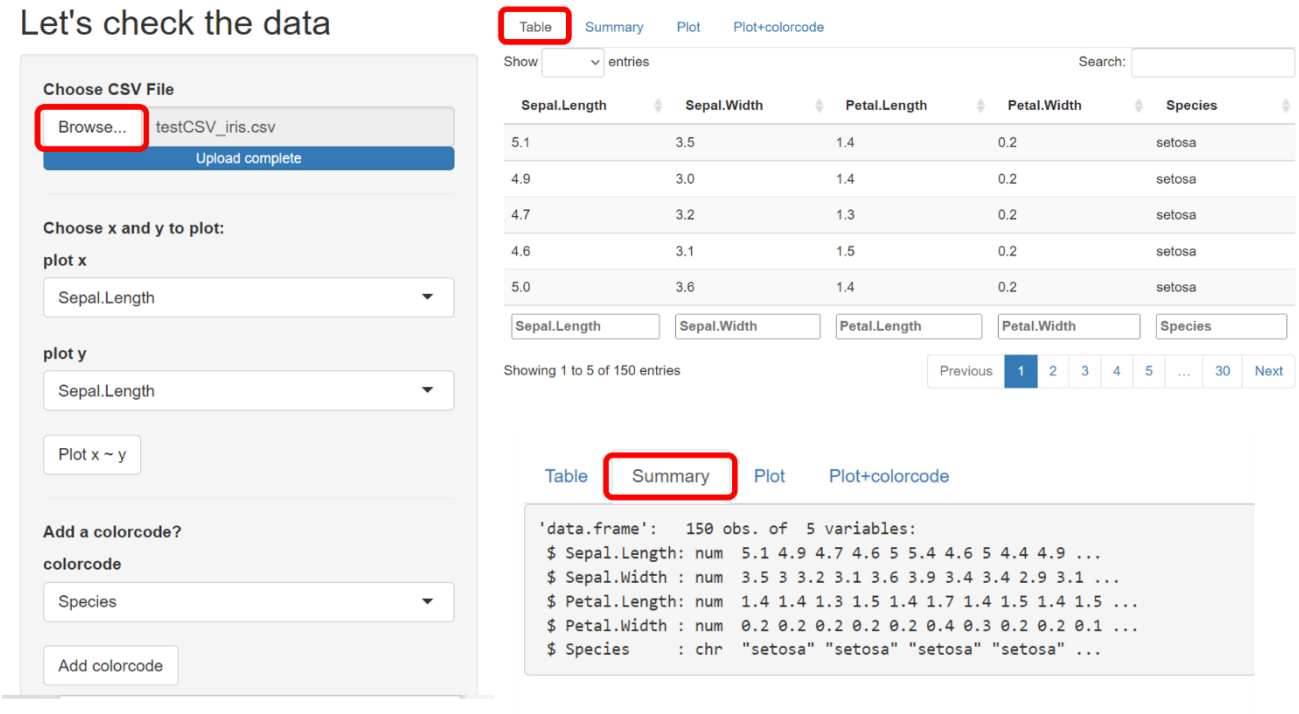

Fig2. Upload the data and do the primary check

Note1: use the example file “testCSV_iris.csv” to try out. The data is “iris” data set in R, copy right belongs to R.

Note2: once the data set is uploaded, the “plot x” and “plot y” choices will be automatically updated as the numeric variables names in the data set, same for “colorcode” which will take “character” variables name(s) in.

Step 2: choose the variables you want to examine and plot (Fig3, red rectangular, "Plot" tab); you can also add a category color code to your plot (Fig3, green rectangular, "Plot + colorcode" tab)

Fig3. Plot the data