

ASSIGNMENT 4. DASHBOARD IN SHINY

The aim of this assignment is to get started with Shiny Dashboard. In order to do that we must create a dashboard such that:

It has a sidebar menu with two options:

GIF

It will simply show a GIF.

Model

It will have two boxes. In one of them there will only be a graphic. In the second there will be a selector where we can choose between Polynomial or Kmeans.

If Polynomial is selected there will appear two numeric inputs, one for the sample size and the other for the correlation. Under that there will be a run button which will generate a bivariate normal with the parameters selected before. Under that there will be a numeric input where you can decide the degree of a polynomial to estimate this distribution.

If KMeans is selected there will be two dropdown selectors with the quantitative variables from the Iris Dataset and a numeric input where you can choose the number of clusters used to apply k-means to this dataset.

The graphic on the left will show the result from the chosen option.

The result should look alike the following:

