**Report**

1. I reached the solution by using correlation absolute values to check the effect of every attributes on the output, so I sort the sensors based on their effect.
2. When I plot the correlation I can check the effect in the coloured map, we can see that the effect between features is too low, only the effect on the output is high(independent features).

And I tested my solution by building a model (Logistic Regression) to check the accuracy when we remove the first three effective attributes(the first three effective sensors ) in my sorted order we get a less accuracy (59 %), weather in case we remove the last effective attributes for my order we get the same accuracy(92%).

1. The weakness of this method that in case we have a big data, It will take much time to run the testing model.
2. No matter how many attributes we have my model can deal with it.
3. As alternative model, we can run the model to test the accuracy for every attribute one by one and then we sort the attributes based on the highest accuracy.