

Titanic Survival Classification Findings

RStudio

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Project: (None)

Spam fikt.R titanic.R ship_df Untitled1

Filter

	data.Pclass	data.Sex	data.Age	data.Fare	data.Survived
1	3	0	22.0000	7.2500	0
2	1	1	38.0000	71.2833	1
3	3	1	26.0000	7.9250	1
4	1	1	35.0000	53.1000	1
5	3	0	35.0000	8.0500	0
6	3	0	29.69912	8.4583	0
7	1	0	54.0000	51.8625	0
8	3	0	2.0000	21.0750	0
9	3	1	27.0000	11.1333	1
10	2	1	14.0000	30.0708	1
11	3	1	4.0000	16.7000	1
12	1	1	58.0000	26.5500	1
13	3	0	20.0000	8.0500	0
14	3	0	39.0000	31.2750	0
15	3	1	14.0000	7.8542	0
16	2	1	55.0000	16.0000	1
17	3	0	2.0000	29.1250	0
18	2	0	29.69912	13.0000	1
19	3	1	31.0000	18.0000	0
20	3	1	29.69912	7.2250	1
21	2	0	35.0000	26.0000	0
22	2	0	34.0000	13.0000	1
23	3	1	15.0000	8.0000	1

Showing 1 to 23 of 891 entries, 5 total columns

Console Terminal Background Jobs

R 4.3.0 · C:/Users/Nancy/Desktop/BigData project/

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R is a collaborative project with many contributors.

Environment History Connections Tutorial

Import Dataset 128 MiB

R Global Environment

Data

- classifier_naive List of 8
 - conf_mat num [1:2, 1:2] 85 0 0 58
 - conf_mat_matrix num [1:2, 1:2] 85 0 0 58
 - cor_matrix num [1:5, 1:5] 1 -0.132 -0.331 -0.549 -0.338 ...
- data 891 obs. of 12 variables
- ship_df 891 obs. of 5 variables
- survival_df 2 obs. of 2 variables
- test_data 179 obs. of 5 variables
 - test_scale num [1:179, 1:4] 0.862 0.862 0.862 -0.298 -0.298 ...
- train_data 712 obs. of 5 variables
 - train_scale num [1:712, 1:4] -1.593 0.818 -1.593 0.818 -1.593 ...

Values

- bar_labels chr [1:4] "True Negative" "False Negative" "False Positiv..."
- bar_names chr [1:2] "Did Not Survive" "Survived"
- class_0 85
- class_1 0
- colors chr [1:4] "lightblue" "lightgreen" "pink" "lightyellow"
- conf_mat_values num [1:4] 85 0 0 58
- labels chr [1:4] "True Negative" "False Positive" "False Negativ..."
- mean_age 29.6991176470588
- mean_values Named num [1:5] 2.309 0.352 29.699 32.204 0.384
- split logi [1:5] FALSE TRUE TRUE TRUE TRUE
- std_values Named num [1:5] 0.836 0.478 13.002 49.693 0.487
- survival_counts num [1:2] 85 0
- survived num [1:2] 85 0
- values num [1:4] 85 0 0 58

Files Plots Packages Help Viewer Presentation

New Folder New Blank File Delete Rename More

C:\Users\Nancy\Desktop\BigData project

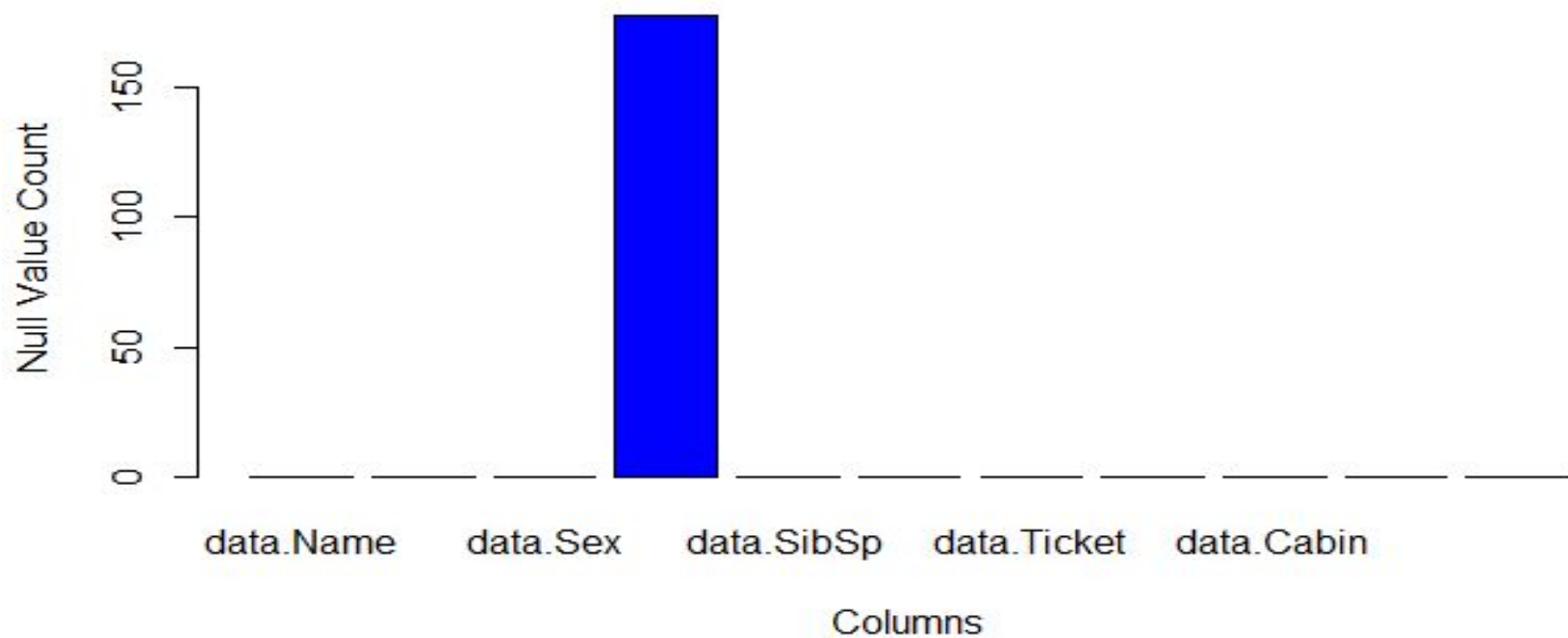
Name	Size	Modified
..		
.RData	59.1 KB	May 22, 2023, 11:22 PM

20°C مشمس

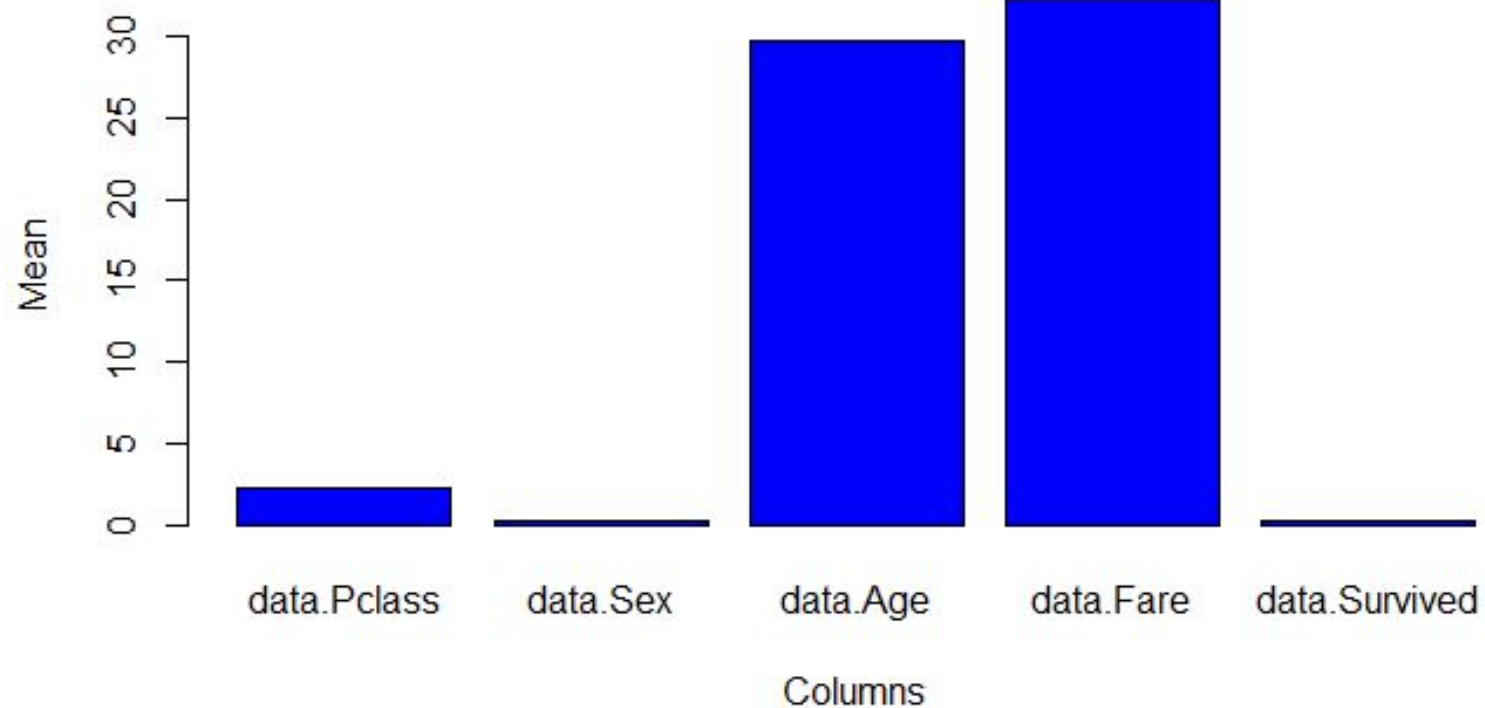
Search

8:25 AM 5/23/2023

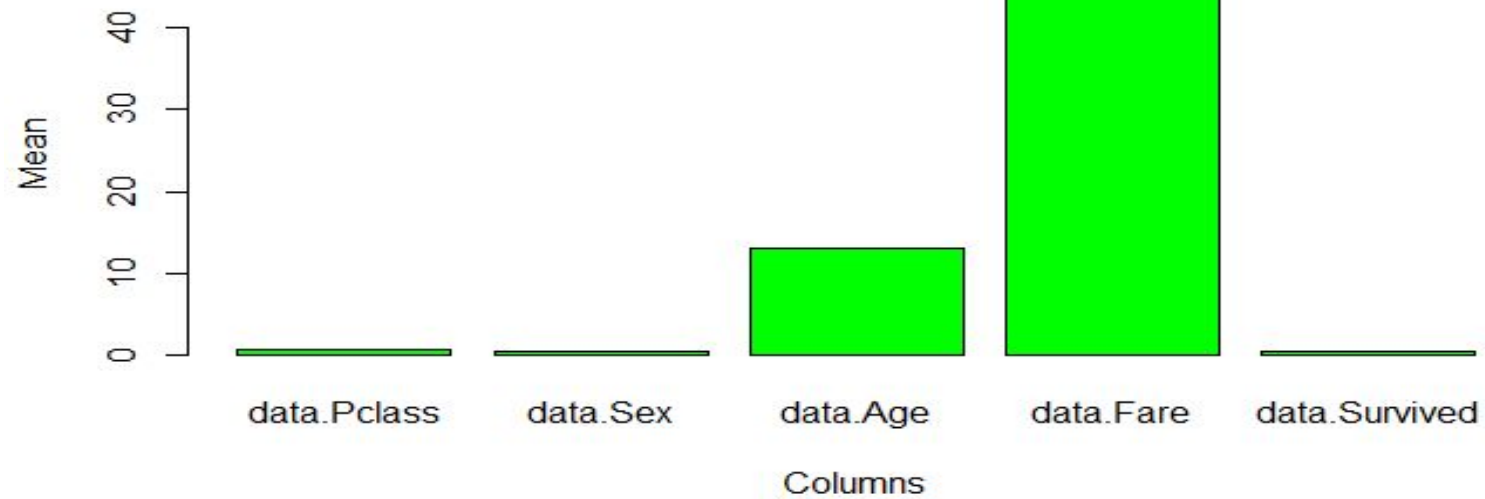
Null Value Counts



Mean Values

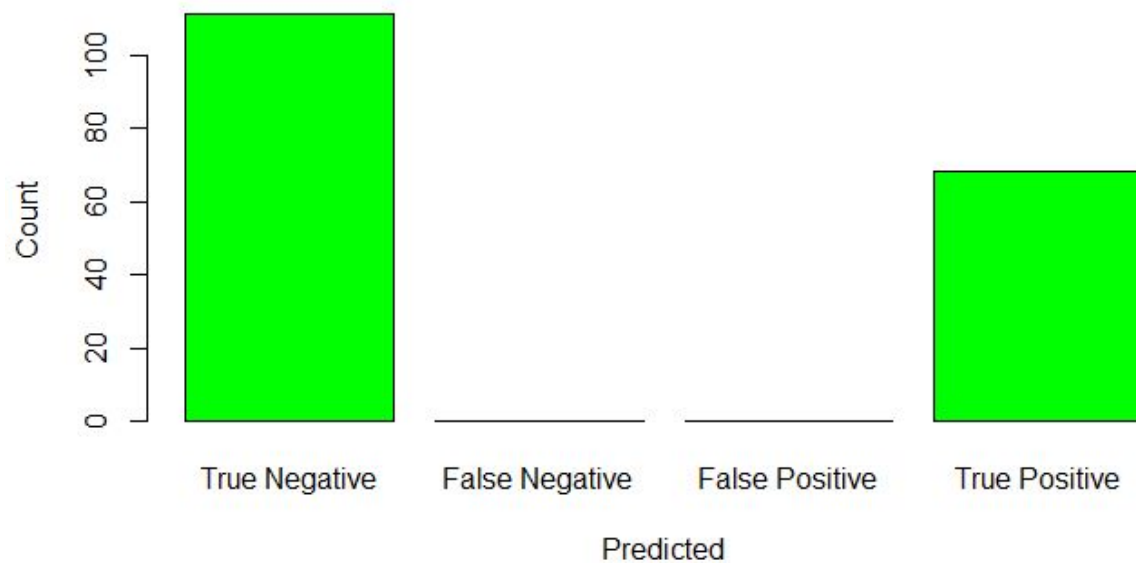


std Values



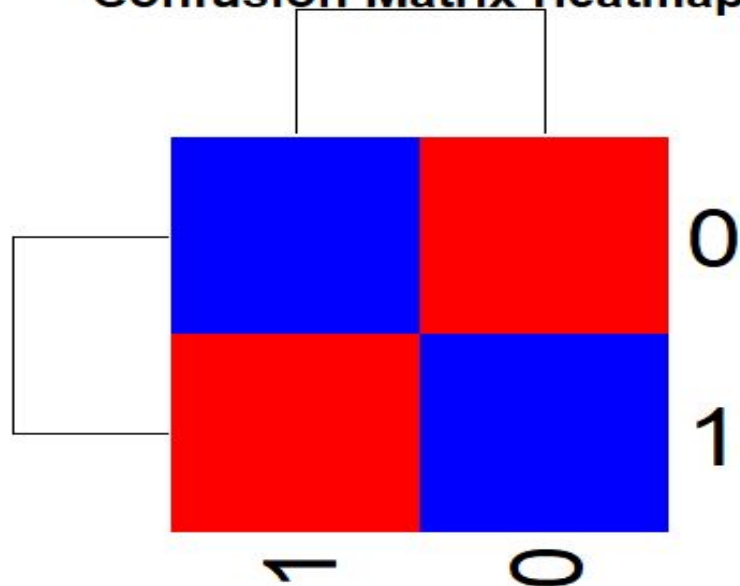


Confusion Matrix





Confusion Matrix Heatmap



Survival Bar Chart

