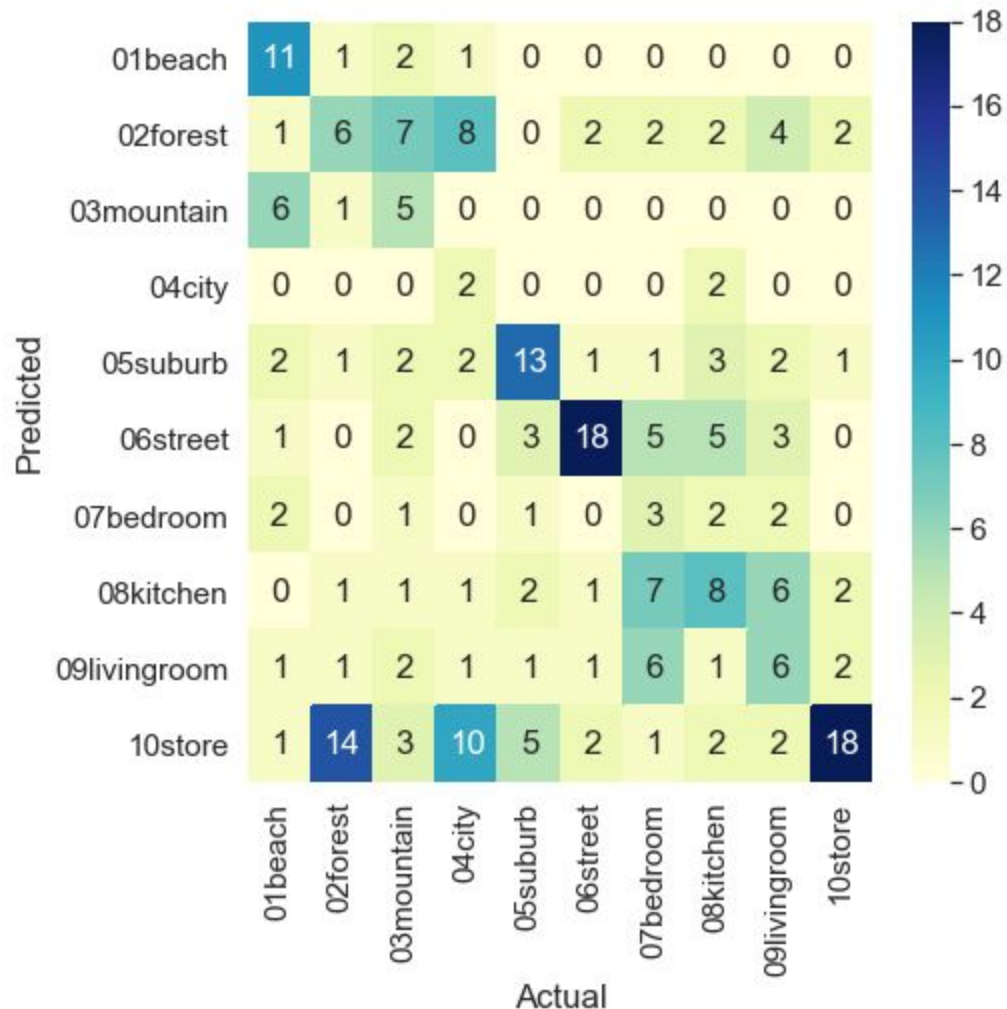


# CV Homework 2

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## Question 1 -

Confusion Matrix for the images:



Accuracy with the given Data: 36.0%

Most data got classified as 10store and 02forest in this example, most accurately identified images were 01beach, 05suburbs, 06street and 10store. The 04city was the field which was the most misclassified error as only 2 of them were actually predicted to be the same category. They are also least predicted overall.

The reason for this misclassification might be that the stores have a lot of horizontal and vertical edges, also the forest has a lot of vertical edges which can match with other images, as we are using texture based classification.

## Question 2:

Accuracy of test set is: 70.93333333333334 %

best\_validation\_error: 0.308

