Applied Machine Learning
Assignment 2 (Given Jan. 25, 2020, 2019; Due Jan. 29, 2020)

Code and results must be uploaded in Moodle by midnight of the day it is due. If the question requires a textual response, you can create a PDF and upload that. The PDF might be generated from MS-WORD, LaTeX, the image of a handwritten response, or using any other mechanism. Late HW carries a penalty of 25% per day. Do not copy or use unfair practices

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In the class we worked with the MNNist data and obtained several validation measures (confusion matrix, precision, recall, F1, ROC etc.) for the case of a binary classifier (predicting if a diit is "5" or not).

(40 points) Take all the 10 classes. Use a simple k-nn classifier and obtain the confusion matrix, precision, recall, and F1 values for $k = 3$