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|  | | CSE 6363: MACHINE LEARNING ASSIGNMENT - 3 | | | | |  | |
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|  | | | | 23/10/2023—Fall 2023—Alex J Dillhoff |  | | | |
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1. The XOR problem : the hyperbolic tangent function was comparatively better than the sigmoid activation function.

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1. The nyc-taxi-trip-duration problem:

Selected features = ['pickup\_longitude', 'pickup\_latitude', 'dropoff\_longitude', 'dropoff\_latitude', 'trip\_duration']

the passenger count feature seems a little unnecessary. So it has been neglected in training the models.

The outliers were handled (df = df.dropna)

Three different models have been considered, though desirable results were not achieved.