MIDSEM EXAM REPORT
Abhishek Maiti 2016005

After tuning the parameter for λ. We got Average NMAEs as follows for the following

Lambda - Avg. NMAE Over 5 folds
0.2 - 0.70
(Per fold Error [0.71257250972096375, 0.70761480540990151, 0.70116671517929507, 0.70118825317304589, 0.70405060198191882])

0.5 - 0.63 (Per fold Error - [0.64773528098873212, 0.63502124535562465, 0.62614730435885346, 0.62663501649078157, 0.63370920858099222])

1 - 0.54 (Per fold - [0.55908172346745399, 0.53805167228952988, 0.52626950032055997, 0.53022691089911, 0.54209006193086307])

3 - 0.35 (Per Fold - [0.37147637777094167, 0.34820979404448399, 0.33839159927692286, 0.34332006493493894, 0.3609724306010938])

For the best Lambda i.e. lambda = 3

The per fold error is
[0.371, 0.348, 0.338, 0.343, 0.360]