## KIRK DAHL

## McKesson Assignment 13 Deep Azure

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### Handed out: 01/19/2018 Due by 11:59 PM, midnight (CST) on Sunday, 01/28/2018

**Problem 01.** Consider file import-85.csv with car characteristics and prices. Extract 4 features you consider most relevant for setting the price of the automobile and use regression techniques discussed in the class and Azure Machine Learning Studio to create a model predicting car price based on those features. Run you model using three of existing regression algorithms and report which of them is the most accurate with the given set of features. Please be aware that Neural Network Regression model might take several hours and we recommend that you do not use it. Make sure you remove any and all of Azure resources once you are done.

(100% Optional)

SUBMISSION INSTRUCTIONS:

Your main submission should be a MS Word or PDF document containing descriptions of your action while configuring Azure services. If your MS Word document is larger than 1 MB, save it as a MINIMIZED PDF. Please be merciful and capture small JPGs. Describe the purpose of every action and the significance of the results. Start with the text of this homework assignment as the template. Please add the entire text of your JAVA, C# or Python programs to the end of your MS Word/PDF document. Please write your solution as if you are writing a tutorial for your colleagues. Please make your text readable. Make sure that your fonts, especially in captured images are not unreadable. Please do not provide ZIP or RAR or any other archives. Canvas cannot open those archives and they turn into a nuisance for us.