

HW III Rubric

Homework Assignment:

Student:

Topic	Grade	Remarks
Data Visualization: Did the student suitably visualize the data, identifying key patterns and relationships to suggest best courses of action to take?		
Model Validation: Did the student choose a suitable validation technique, and demonstrate how it lead to reasonable validation scores? Did they address possible causes of overfitting?		
Data Encoding: Were different variable types handled appropriately, and were transformations done in a way that properly separated in-sample vs out-of-sample data?		
Data Preparation: Did the student make a reasonable attempt to improve their score via the addition of new data and/or transformations of existing data?		
Model Tuning: Did the student adjust and tweak their model in an appropriate way – to combat overfitting and/or find the best model parameters to maximize their fit?		
Post Morten Analysis: Did the student provide a suitable analysis of where their model may have gone wrong, and what areas could be improved?		

This can be done both visually and/or numerically.		
Model Inference: Did the student display ample understanding of the key insights of their model, including causal impact?		

****Other Notes:****

Instructor Sign Off: