

## HW IV Rubric

Topic	Grade	Remarks
<b>Data Visualization:</b> Did the student suitably visualize the data, identifying key patterns and relationships to suggest best courses of action to take?		
<b>Model Validation:</b> Did the student choose a suitable validation technique, and demonstrate how it lead to reasonable validation scores? Did they address possible causes of overfitting?		
<b>Data Encoding:</b> Were different variable types handled appropriately, and were transformations done in a way that properly separated in-sample vs out-of-sample data?		
<b>Data Preparation:</b> Did the student make a reasonable attempt to improve their score via the addition of new data and/or transformations of existing data?		
<b>Model Tuning:</b> 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?		
<b>Post Mortem Analysis:</b> 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.		
<b>Model Inference:</b> Did the student display ample understanding of the key insights of their model, including causal impact?		

<b>**BONUS:**</b> Was any creativity used to generate the original dataset? API, web scraping, etc		
<b>**BONUS:**</b> Was your project deployed as a data application via Streamlit?		