**Cleanse**

**Aycan**

For filters, you can add indexing article (covers logical indexing too): <https://www.mathworks.com/company/newsletters/articles/matrix-indexing-in-matlab.html>

Maybe you can make “Other Methods” title more descriptive by saying something like “Interactive Methods to Preprocess Data in MATLAB”.

You can also link MATLAB Onramp (for logical arrays etc.): <https://matlabacademy.mathworks.com/details/matlab-onramp/gettingstarted>

MATLAB Fundamentals is linked twice, but different sections are highlighted. You can either leave it as it is or combine them

You can link data cleaning discovery page (has links to videos etc.): <https://www.mathworks.com/discovery/data-cleaning.html>

**Jon**

Would we want to link this to the “Imbalanced” module?

**kNN Classifier**

**Aycan**

line 47 has an empty code block, is it an error or was it supposed to be the code for the question above?

Labels are missing in the figures. If you cannot add labels, use “disp” to display some text

When I ran the code, it errored, couldn’t find ex4data1.mat

Make sure to include all the files necessary. If your code is calling some files with dependencies, you can also use projects to package all files together and handle paths: <https://www.mathworks.com/help/matlab/projects.html>

You can link this: <https://www.mathworks.com/help/stats/classificationknn.html>

You can mention k-means Live Task in the Live Editor as an interactive way of doing the task

**Jon**

Quick discussion about different distances or link it to the other module “k-Nearest Neighbors Regression”

Maybe more code comments, specifically in the KNN loops

**Knn\_Regression**

**Aycan**

For different k and neighbors values, you can put a slider or a drop down to your Live Script, in that way your script could be more interactive

**Polymer Melt Flow Rate**

**Jon**

In lines 69 – 91, removing outliers, I didn’t see a difference in the plots...

URL error?

Nice use of apps

**Aycan**

Add labels to the figures, if you cannot add label, you can use disp to add some text

Line 196 – typo Support Vector Regresso'

After all modules are done, it may be a good idea to link relevant MATLAB modules to this one, the current links are for the original version of the course

**Steel Plate Defects**

**Jon**

Maybe explain what type of classifier you are using, in this case a NN. Just a brief description.

Maybe some explanation of what the code is actually doing. E.g. “Neural Network accuracy” maybe explain what this is.

**Aycan**

Did the original one also skip resolving class imbalance issue?

Will you link other relevant modules like the ones you talked about deep network designer etc.?

**Wind Power**

**Jon**

Be careful with discussing XGBoost. XGBoost is a specific gradient boosting code. I believe in the module you are using LSBoost. So the naming convention of “xgb” in the module may be a little misleading.

Maybe more details on the code

**Aycan**

Suggested templates are from the original course, will you link MATLAB versions of these? You can link LSTM related modules if there are any, otherwise, you can link these: <https://www.mathworks.com/help/deeplearning/ug/long-short-term-memory-networks.html>

<https://matlabacademy.mathworks.com/details/deep-learning-with-matlab/mldl>