Feedback 3.05.2023

Feedback Model:

- write everything into the pipeline -> integrate first preprocessing step into pipeline

- ? test the possibilities for hot encoding

- out of the sample forecast

- take out the PCA? it does make sense (use a different technique?)

- try many models, xg boost..

- hyperparameter tuning!

- be able to understand the drivers of the model

- analyse imputation vs no imputation

- optimize the model based on metrics (find out where we insert that as a parameter)

- in the notebook, use the dataset and the model they are trained on

- plot 2-3 best performing features of the model

--Linear regression with PCA is not good (Hochreiter said that) -> xGBOOST instead

- feature importance analysis of the best performing models

- try imputation and non-imputation as well because imputing missing values maybe always leads to positive result, but ruins the dataset

Feedback GUI:

* Make drop down menu
* Have everything in english
* Make leasing rate stand out
* Make leasing rate look a bit nicer
* when connecting the GUI with the model, we use NAs for the other variables