

# Motivic 19.11.

## Next Weeks

- internal presentations  $\rightarrow$  22.11
- t-SNE Learning Lab  $\rightarrow$  29.11.

## To Do's:

- hyperparameter tuning
- Neural networks
- analyse imputation methods
- impute final dataset  $\rightarrow$  final
- organize Jupyterhub
- ask Pi- about Prototype
- Think about Prototype
- prepare Learning Lab

## Internal Presentation

- Model improvement
- Neural Networks

# Zeroen

## Questions:

- Learning goal
  - Present t-SNE from start to end?
  - implementation!
  - mathematics behind it?
- Prototype
- test set <sup>called</sup> → validation set
  - balancing before validation set
- mathematics too far (t-SNE)
- t-SNE from pandas
- hyperparameters from t-SNE
- plotting t-SNE / visualizations
  - limit to 2D?

# Round

- MQ-Score with linear feature
- features from  $t_0$  can maybe be used for  $t_1$
- Neural Networks need tuned hyperparameters
- Convolutional Networks
- Random Forest Classifier + Neural Network  
(combine)
- 17.12. No Meeting