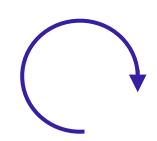


DrWhy.Al:: Visual exploration, explanation and debugging of predictive models

In each iteration model development starts with some concepts, ideas, then the model is trained and finally model needs to be validated.

Forge



Model development is an **iterative process**. Each iteration brings new insights.

Early phases:

Crisp modeling, general understanding of the problem.

Medium phases:

Selective modeling, here we select the best type of model.

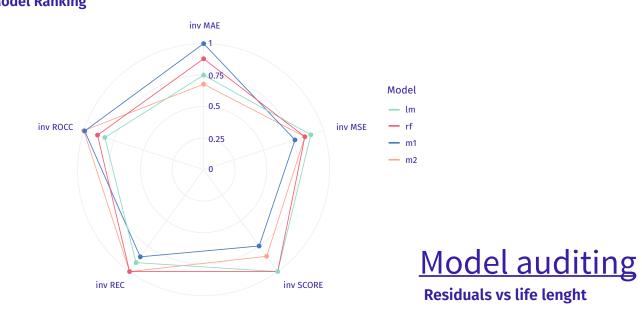
Late phases:

Fine tuning of model parameters or variable engineering.



Concept

Model benchmarking Model Ranking



Model debugging

Variables attributions

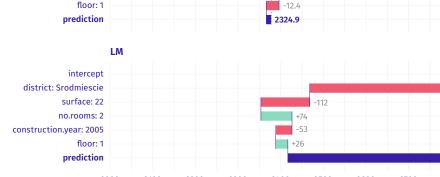
Validate

surface: 22

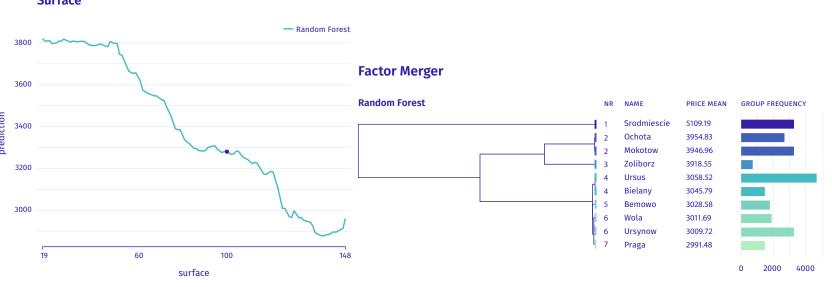
- Random Fores

life_lenght









Development

Production

Predictions need to be explained. Here the instance level explanation helps.

With time the model performance may deteriorate, thus it requires constant monitoring, e.g. with the drifter package.

