

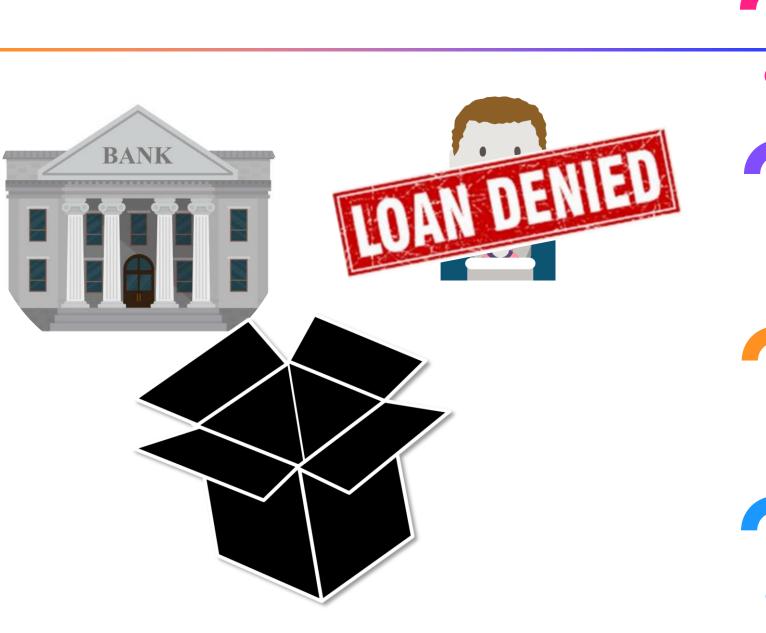


XAI TREE



Martin Jullum, NR Jacob Sjødin, NAV

> Joint work with Robindra Prabhu, NAV Anders Løland, NR





Customer contact





Customer

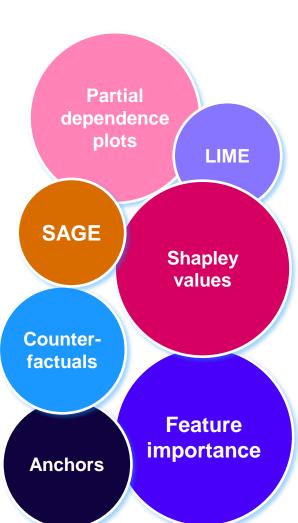


Data scientist



Legal department

XAI TREE



21/11/2022

2

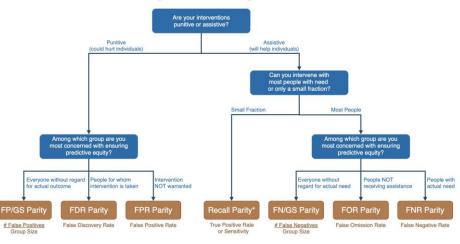
EXPLANATION METHODS



EXPLANATION NEEDS

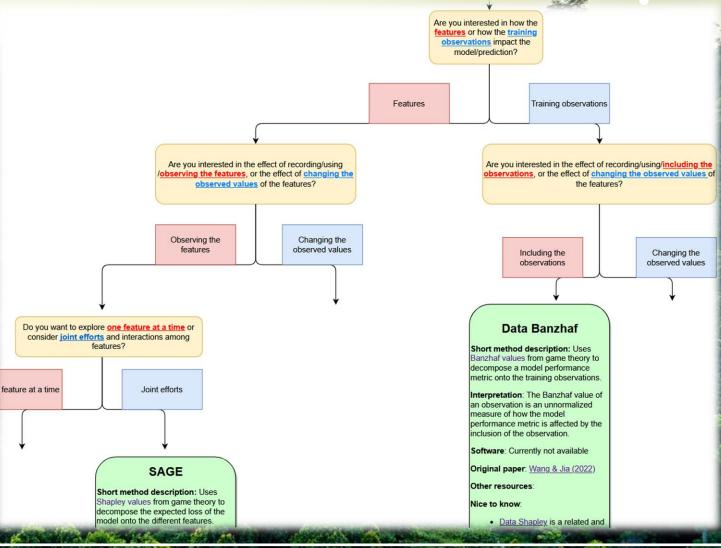


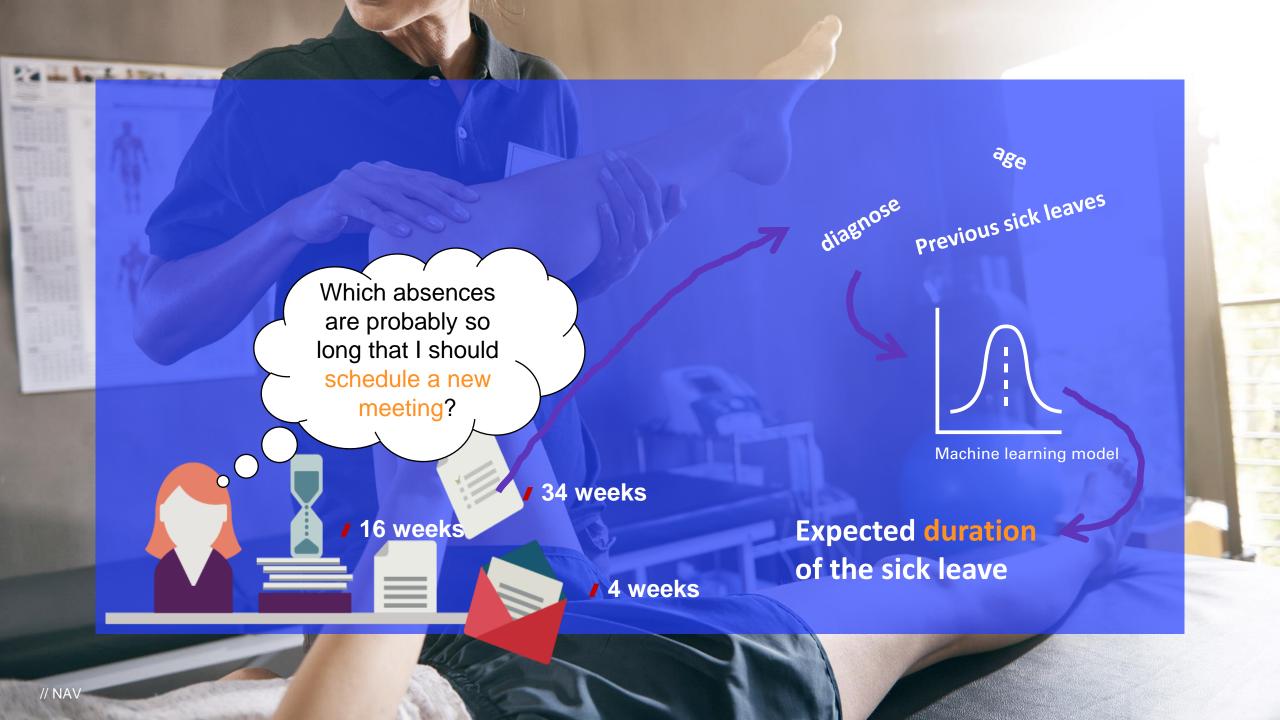
FAIRNESS TREE (Zoomed in)

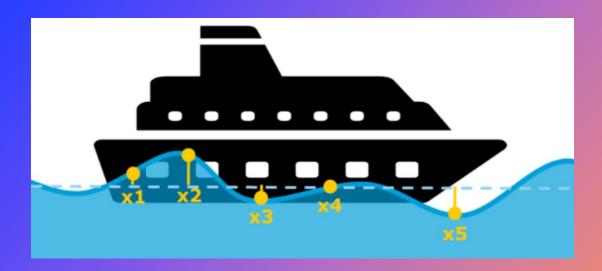


Carnegie Mellon University

TREE-BASED INTERACTIVE® DECISION TOOL FOR XAI







Data	
	Sea state: calm
	Sea state: rough
	Sea state Intense

Case 2: Explain model for midship vertical bending moment

- Features: Undisturbed wave elevation
- Initial model trained with limited data from different <u>sea states</u>
 - wave period
 - wave heights
 - wave direction
- Problem: Decide a strategy for further data collection
 - Which sea states provide the most valuable data?



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EXCLUSIVE PRE-RELEASE FOR BIGINSIGHTERS

FEEDBACK WELCOME