EPFL

MATH-804

MLSTATS

Davison Anthony

Cursus	Sem.	Type
Mathematics		Opt.

Language of teaching	English
Credits	2
Session	
Exam	Project report
Workload	60h
Hours	**32**
Courses	16
TP	16
Number of positions	

Frequency

Only this year

Remark

Fall semester

Summary

ML for predictive modeling is important in both industry and research. We join experts from stats and math to shed light on particular aspects of the theory and interpretability of DL. We discuss the statistical theory and generalization behavior of deep NNs, and how to move towards trustworthy DL.

Content

Keywords

statistics, statistical learning, optimization, deep learning, regression, interpretability