



# Kaggle-in-class Data Challenges Can Boost Student Learning

Julia Polak

(University of Melbourne)

17.07.2019, 16.00 (s.t.)

Institut für Statistik, Ludwigstr. 33, Seminarraum

Kaggle is a data modeling competition service, where participants compete to build a model with lower predictive error than other participants. Several years ago they released a reduced service that enables instructors to run competitions in a classroom setting. This paper describes the results of an experiment to determine if participating in a predictive modeling competition enhances learning. The evidence suggests it does. In addition, students were surveyed to examine if the competition improved engagement and interest in the class.