



4 Courses

Guided Tour of Machine Learning in Finance

Fundamentals of Machine Learning in Finance

Reinforcement Learning in Finance

Overview of Advanced Methods of Reinforcement Learning in Finance



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LUIS ALBERTO ALANIZ CASTILLO

has successfully completed the online, non-credit Specialization

Machine Learning and Reinforcement Learning in Finance

In this specialization, students mastered core paradigms and algorithms of machine learning (ML), with a particular focus on applications of ML to various practical problems in Finance. Students developed essential skills needed to be able to solve practical ML-amenable real life problems: (1) mapping the problem on a general landscape of available ML methods, (2) choosing particular ML approach(es) that would be most appropriate for resolving the problem, and (3) successfully implementing a solution, and assessing its performance. Learners completed a Capstone Project in stock trading, asset management, and banking applications.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Igor Halperin, Ph.D.,
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Machine Learning at
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