5 Courses

M
UNIVERSITY OF
MICHIGAN

Apr 26, 2022

SAAFIR HALE

has successfully completed the online, non-credit Specialization

Sports Performance Analytics

Drawing from real data sets in Major League Baseball (MLB), the National Basketball Association (NBA), the National Hockey League (NHL), the English Premier League (EPL-soccer), and the Indian Premier League (IPL-cricket), you'll learn how to construct predictive models to anticipate team and player performance. You'll also replicate the success of Moneyball using real statistical models, use the Linear Probability Model (LPM) to anticipate categorical outcomes variables in sports contests, explore how teams collect and organize an athlete's performance data with wearable technologies, and how to apply machine learning in a sports analytics context.

Foundations of Sports Analytics: Data, Representation, and Models in Sports

Moneyball and Beyond

Prediction Models with Sports Data

Wearable Technologies and Sports Analytics

Introduction to Machine Learning in Sports Analytics

Stefan Szymanski

Stefan Szymanski
Stephen J. Galetti
Professor of Sport
Management
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Yong L

Lecturer
School of Kinesiology,
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Wenche Wang

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Christopher Brooks
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Professor
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