



6 Courses

**Exploratory Data Analysis  
for Machine Learning**

**Supervised Machine  
Learning: Regression**

**Supervised Machine  
Learning: Classification**

**Unsupervised Machine  
Learning**

**Deep Learning and  
Reinforcement Learning**

**Machine Learning Capstone**



Aug 22, 2024

**Tobias Grun**

has successfully completed the online, non-credit Professional Certificate

## IBM Machine Learning

Machine Learning is one of the most in-demand skills for jobs related to modern AI applications, a field in which hiring has grown 74% annually for the last four years (LinkedIn). This Professional Certificate from IBM provides evidence that the above named individual developed skills in Machine Learning: Unsupervised Learning, Supervised Learning, Deep Learning, and Reinforcement Learning; including Time Series Analysis and Survival Analysis. This program consisted of 6 courses providing a solid theoretical understanding and considerable practice of the main algorithms, uses, and best practices related to Machine Learning.

Rav Ahuja  
AI & Data Science  
Program Director  
IBM Skills Network

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.

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