



10/12/2019

**Nitin Kumar**

has successfully completed

**Advanced Machine Learning and Signal  
Processing**

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read 'R. Kienzler', positioned above a horizontal dotted line.

Romeo Kienzler  
Chief Data Scientist  
IBM Watson IoT

A handwritten signature in black ink, appearing to read 'N. Manchev', positioned above a horizontal dotted line.

Nikolay Manchev  
Senior Data Scientist  
IBM EMEA Data Science (2015-2019)

**COURSE  
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