

9 Courses



Tools for Data Science

Data Science Methodology

Python for Data Science and Al

Databases and SQL for Data Science

Data Analysis with Python

Data Visualization with Python

Machine Learning with Python

**Applied Data Science Capstone** 



06/22/2020

## HAKKI KARAMAN

has successfully completed the online, non-credit Professional Certificate

## **IBM Data Science**

In this Professional Certificate learners developed and honed hands-on skills in Data Science and Machine Learning. Learners started with an orientation of Data Science and its Methodology, became familiar and used a variety of data science tools, learned Python and SQL, performed Data Visualization and Analysis, and created Machine Learning models. In the process they completed several labs and assignments on the cloud including a Capstone Project at the end to apply and demonstrate their knowledge and skills.



Alex Aklson
Polong Lin
Maureen McElaney
Romeo Kienzler
Svetlana Levitan
Joseph Santarcangelo
Hima Vasudevan
Rav Ahuja
Saeed Aghabozorgi

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.