



Mar 27, 2024

**Sulaiman Shamasna**

has successfully completed

**Machine Learning Data Lifecycle in Production**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in black ink, appearing to read 'Robert Crowe'.

Robert Crowe  
TensorFlow Developer Engineer, Google

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/5TQ6SM5NN3E9>

Coursera has confirmed the identity of this individual and their participation in the course.