



4 Courses

Machine Learning in  
Production

Machine Learning Data  
Lifecycle in Production

Machine Learning Modeling  
Pipelines in Production

Deploying Machine Learning  
Models in Production



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**Muhammad Asaad Cheema**

has successfully completed the online, non-credit Specialization

# Machine Learning Engineering for Production (MLOps)

Congratulations! You have completed all four courses of Machine Learning Engineering for Production (MLOps) Specialization. In this Specialization, you learned how to conceptualize and maintain integrated systems. You mastered well-established tools and methodologies to build production systems that can handle relentless evolving data and continuously run at maximum efficiency. You're now familiar with the capabilities, challenges, and consequences of machine learning engineering in production and are ready to level up your career by participating in the development of leading-edge AI technology and solving real-world problems.

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.

*Andrew Ng* MLOps *Robert Crowe*

Andrew Ng,  
Founder,  
DeepLearning.AI

Robert Crowe  
TensorFlow Developer  
Engineer, Google

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