



Sep 4, 2023

RAFAEL SILVA LOPES OLIVEIRA

has successfully completed

**Probability & Statistics for Machine Learning &
Data Science**

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

A handwritten signature in black ink, reading 'Luis G Serrano'.

Luis Serrano, Instructor, Serrano Academy. Anshuman Singh, Curriculum Product Manager, DeepLearning.AI. Elena Sanina, Curriculum Engineer, DeepLearning.AI. Magdalena Bouza, Curriculum Developer, DeepLearning.AI. Obed Nsiah, Curriculum Developer. Lucas Coutinho, Curriculum Developer, DeepLearning.AI

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