

# VERIFIED

CERTIFICATE *of* ACHIEVEMENT

# ColumbiaX

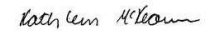
This is to certify that

**Francisco Jaramillo Aguilar**

successfully completed and received a passing grade in

**DS102X: Machine Learning for Data Science and Analytics**

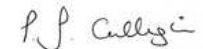
a course of study offered by ColumbiaX, an online learning initiative of Columbia University through edX.



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