HONOR CODE CERTIFICATE

ColumbiaX

Kathy McKeown

Director of the Data Science Institute Henry and Gertrude Rothschild Professor of Computer Science

Columbia University

Patricia Culligan

Associate Director of the Data Science Institute Professor of Civil Engineering

Columbia University

Garud Iyengar

Professor of Industrial Engineering and Operations Research, Chair of the Department *Columbia University*

This is to certify that

Sandipan Dey

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.



VALID CERTIFICATE ID 600e8aaf5d744321bfa634ee91285f8b