



Nov 20, 2023

Pranav Bharadhwaj

has successfully completed

Tools for Data Science

an online non-credit course authorized by IBM and offered through Coursera

Three handwritten signatures in black ink, stacked vertically, over a dotted line.

Maureen McElaney
Romeo Kienzler
Svetlana Levitan

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