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# Atul Harsh

has successfully completed

## Generative AI and LLMs: Architecture and Data Preparation

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

Two handwritten signatures in black ink. The first signature, "J Santarcangelo", is on the left and the second, "RP Kanwar", is on the right. They are connected by a horizontal line.

Joseph Santarcangelo  
Senior Data Scientist  
IBM

## COURSE CERTIFICATE



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Coursera has confirmed the identity of this individual and  
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