



Mar 26, 2024

# Karamvir Kharinta

has successfully completed

## Machine Learning with Apache Spark

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

Rav Ahuja  
Global Program Director  
IBM Skills Network

Ramesh Sannareddy  
Data Engineering Subject Matter Expert  
Skill-up Technologies

### COURSE CERTIFICATE



Verify at:

<https://coursera.org/verify/NMP7F6M6JLJX>

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