COGNITIVE CLASS.ai

An IBM Initiative

This is to certify that

Sameer Dev

successfully completed and received a passing grade in

Spark Overview for Scala Analytics

(SC0103EN, provided by **Big Data University**)

an online course on **Cognitive Class**.

February 4, 2019

Authenticity of this certificate can be validated by going to:
https://courses.cognitiveclass.ai/certificates/9af666ad68884b23b8214c56444e630f