



Developer Certification for Apache Spark

Vipul Rai

Has successfully completed the requirements for the Developer Certification for Apache Spark, version 1.1.0.

A handwritten signature in black ink, appearing to read "Paco".

Paco Nathan, *Databricks*

A handwritten signature in black ink, appearing to read "Ben Lorica".

Ben Lorica, *O'Reilly Media, Inc.*

Date of achievement: 08/22/2015

A certification badge with a dark grey background and a white star in the top right corner. The text "CERTIFIED DEVELOPER ON APACHE SPARK" is written in white, uppercase, sans-serif font.

**CERTIFIED
DEVELOPER ON
APACHE SPARK**

A certification number badge with an orange background and a black border. The text "CERTIFICATION NUMBER 1.1.0-0170" is written in black, uppercase, sans-serif font.

**CERTIFICATION NUMBER
1.1.0-0170**