

hereby recognizes that

ALAEDDINE GRATI

Has successfully completed all requirements and is certified in:

CDOSS Big Data Machine Learning with Apache Spark



LICENCE: CDOSS-CBDMLWAS-112701126

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https://cdoss.org/alaeddine-grati-2/

GAURAV SHAH

Compliance Supervisor Founder & Managing Partners Arete Ventures India & USA

JEAN GABRIEL KOEHREN

General Coordinator **Data Quality Tester** Consultant HRIS - Inetum France JÉRÔME F(LIPPONE

CDOSS President Data Project Manager **Excellium Luxembourg** YUSUF SARIGÖZ

Scientific Committee Head Co-Founder at Al Labs Google Developer Expert on ML **LALATENDU MISHRA**

Compliance Director Managing Director of WINVEST Ltd India & South Africa