



hereby recognizes that

NOUR EL HOUDA MAKNINE

Has successfully completed all requirements and is certified in:

Managing BigData in Clusters/Cloud with Hive/Impala and HUE



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<https://cdoss.org/nour-el-houda-maknine-4/>

GAURAV SHAH

Compliance Supervisor
Founder & Managing Partners
Arete Ventures India & USA

JEAN GABRIEL KOEHREN

General Coordinator
Data Quality Tester
Consultant HRIS – Inetum France

JÉRÔME FILIPPONE

CDOSS President
Data Project Manager
Excellium Luxembourg

YUSUF SARIGÖZ

Scientific Committee Head
Co-Founder at AI Labs
Google Developer Expert on ML

LALATENDU MISHRA

Compliance Director
Managing Director of WINVEST Ltd
India & South Africa