



This is to certify that

Balasubramanian Chandran

successfully completed and received a passing grade in

Data Science Hands-On with Open Source Tools

(DS0105EN, provided by Big Data University)

an online course on Cognitive Class.

Issued on:

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Authenticity of this certificate can be validated by going to:

https://courses.cognitiveclass.al/certificates/342debea37054bbca4653c3f573fc460