



**COGNITIVE  
CLASS.ai**



This is to certify that

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successfully completed and received a passing grade in

**Data Science Hands-On with Open Source  
Tools**

(DS0105EN, provided by CognitiveClass)

an online course on **Cognitive Class**.

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Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/5b6d887b0fc44784b3a29d93d4e12f99>