



This is to certify that

**Juan Andres Carreno Arevalo**

successfully completed and received a passing grade in

**Data Analysis with Python**  
(DA0101EN, provided by IBM)

A course on **cognitiveclass.ai**  
Powered by IBM Developer Skills Network.

Issued by  
**Cognitive Class**

**February 26, 2023**

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/6b0ee7b5aa5e48c8995388488437460a>

Certificate ID Number: **6b0ee7b5aa5e48c8995388488437460a**

**February 26, 2023**