



This is to certify that

Noah Polacek

successfully completed and received a passing grade in

Data Analysis with Python (DA010IEN, provided by IBM)

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

Issued by Cognitive Class

October 23, 2022

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/fe4fb64eba77468ab4ed6771a1695169

Certificate ID Number: **fe4fb64eba77468ab4ed6771a1695169 October 23, 2022**