



This is to certify that

Ghousiya Begum K

successfully completed and received a passing grade in

Python 101 for Data Science (PY0101EN, provided by IBM)

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

Issued by Cognitive Class

Cognitive Class

July 3, 2022

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/a6b997ce9f7d451a9ef5d6cca967c717

Certificate ID Number: a6b997ce9f7d451a9ef5d6cca967c717 July 3, 2022