



This is to certify that

**vaibhav mutange**

successfully completed and received a passing grade in

**Machine Learning with  
Python**

(ML0101EN, provided by IBM)

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

Issued by  
**Cognitive Class**

**July 4, 2023**

Authenticity of this certificate can be validated by going to:  
<https://courses.cognitiveclass.ai/certificates/fe003edf45894550a465c216db2be32a>

Certificate ID Number: **fe003edf45894550a465c216db2be32a**

**July 4, 2023**