



This is to certify that

## Sauray Das

successfully completed and received a passing grade in

## Mathematical Optimization for Business Problems (CP0101EN, provided by IBM)

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

> Issued by **Cognitive Class**

May 30, 2023

Authenticity of this certificate can be validated by going to:

https://courses.cognitiveclass.ai/certificates/f7d1d048ade541f792f91aacb72ec638

Certificate ID Number: f7d1d048ade541f792f91aacb72ec638 May 30, 2023