



Certificate.

OF COMPLETION

PROUDLY PRESENTED TO

Ruth Nadia Liviani

Have passed completed the course
Data Science Course Level Basic

8 January 2023

A handwritten signature in black ink, appearing to read 'Alvin', written over a horizontal line.

Fransiskus Alvin Winata, S. Kom.; CCNA, CCNP, CEH, CEI
Chief Academy Officer

