



CERTIFICATE OF COMPLETION

# Ismail CHAKRANE

HAS SUCCESSFULLY COMPLETED THE COURSE

## Data Cleaning

ON OCTOBER 17, 2022

A handwritten signature in black ink, appearing to read "Rachael Tatman", written over a horizontal line.

RACHAEL TATMAN, KAGGLE INSTRUCTOR

A handwritten signature in black ink, appearing to read "Alexis Cook", written over a horizontal line.

ALEXIS COOK, HEAD OF KAGGLE LEARN

