



This is to certify that

**ALYSSA KHAIRUNISA MAHARANI**

successfully completed and received a passing grade in

# **Text Sentiment Analysis using Caikit and Hugging Face**

(GPXX0PYAEN, provided by IBMSkillsNetwork)

A course on **cognitiveclass.ai**  
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A handwritten signature in black ink, appearing to read "Rav Ahuja", positioned above the printed name.

Rav Ahuja

Global Program Director  
IBM

**November 12, 2024**

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