



Certificate of Competency

This certificate is awarded to

Maram Dahmen

for demonstrating competence in the completion of
**Building Transformer-Based Natural Language Processing
Applications**

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

Greg Estes

Vice President, NVIDIA

Issue Date: : décembre 12, 2025

Certification ID: wzBnS6mKQR-kWRo1S0u1Bw