

CMDC 647. TRANSLATION AND LARGE LANGUAGE MODELS.

Credits: 3

Offered by: Technology & Innovation (Graduate Studies)

This course is not offered this catalogue year.

Description

Review of machine translation research, along with its history, status, strengths, limitations, user cases and impact on the multilingual digital communication industries and society at large. Examination of selected natural language processing applications (e.g., neural machine translation, generative artificial intelligence), including engine customization options (e.g., glossaries, machine learning, rule adaptation). Review of the literature on the nature, techniques and best practices associated with machine translation, and application of techniques using large language models on a variety of document types. The use of evaluation metrics to assess the benefits of different translation technologies and processes in different scenarios.

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