

Text Summarization and Classification of Clinical Discharge Summaries using Deep Learning

Alizar Marchawala ¹, Preetkumar Patel ², Khushal Paresh Thaker ², Hardik Gunjal ²,
Abhishek nagrecha ², and Sabah Mohammed ²

¹Lakehead University

²Affiliation not available

October 30, 2023

Abstract

This paper implements the automated classification of patient discharge notes into standard disease labels which includes the name of the diagnostic procedure required. In this approach, we use Convolutional Neural Networks to classify and represent complex features from the medical discharge summaries using the MT sample dataset. We make use of GloVE to have a pretrained model learn from it.

Hosted file

Text Summarization and Classification of Clinical Discharge Summaries.docx available at
<https://authorea.com/users/662189/articles/675578-text-summarization-and-classification-of-clinical-discharge-summaries-using-deep-learning>