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| **Faculty of Science and Technology**  **CISC3025 – Natural Language Processing** | |
| **Project 3: Implementation of a Maximum Entropy Model for Named Entity Recognition** | |
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# 1 Introduction

Being in part of the syntax layer processing in the field of NLP, Named-Entity Recognition is a subtask of information retrieval that’s been applied in various fields. One popular usage is the usage in search engines. In this context, NER assists to recognize user queries and extract accurate information from them.

Named Entity Recognition involves classifying named entities within a piece of plain text, such as person names, firm or organization names, locations, dates, and more customed tags as you want. It extracts the components in a sentence.

# 2 Methods and Implementation

# 3 Evaluations and Discoveries

## 3.1 Trial and Errors

## 3.2 Advantages and Drawbacks

## 3.3 Interesting Phenomenon

# 4 Conclusion