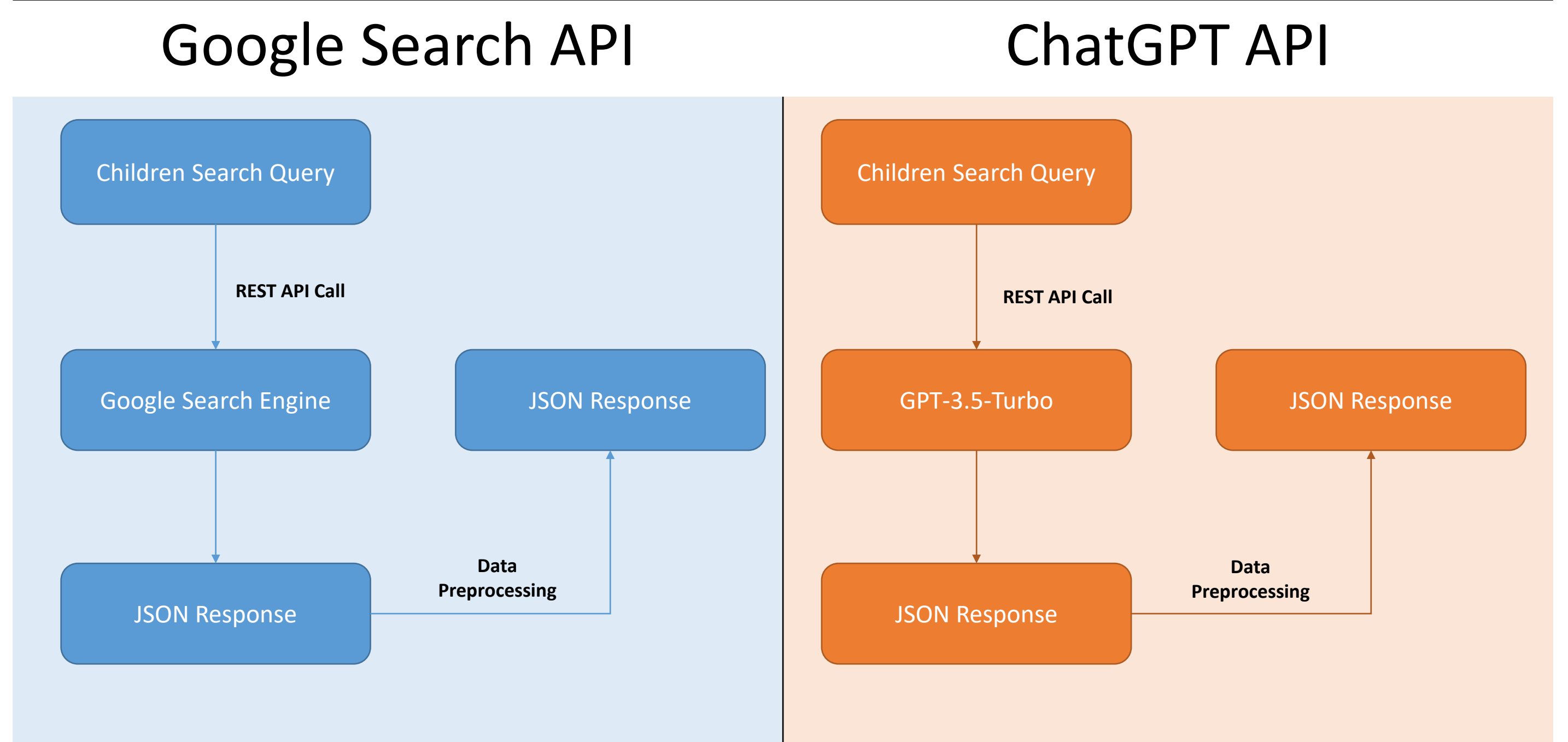


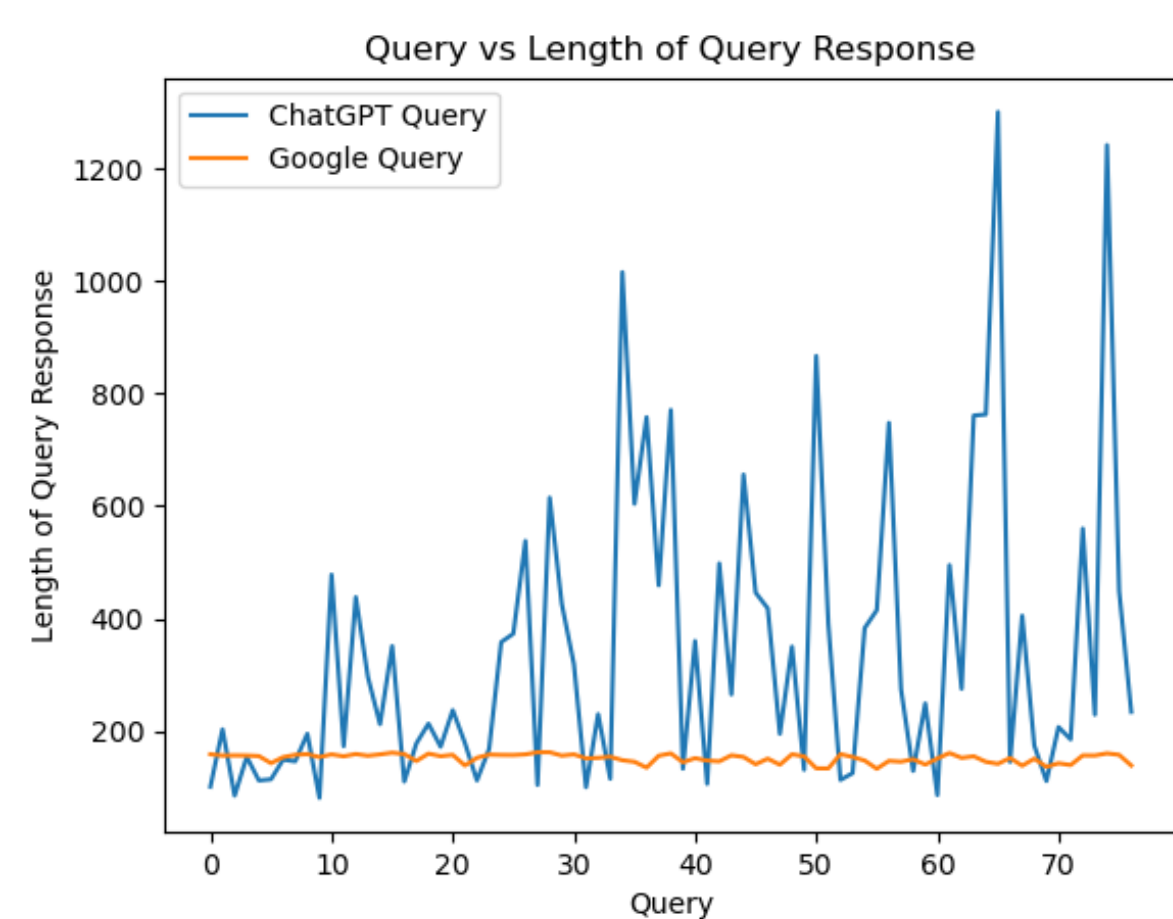
The ubiquitous nature of the internet has led to a surge in online activity among young children, making it a go to source for information. However, the reliability and accuracy of online information tend to be often questioned, particularly for children who are unaware of its veracity. Recently, there has been a much more user-friendly approach to accessing online information in the form of Conversational AI Models. The goal for this thesis is to do a comparative study between Google and ChatGPT and analyze which one offers better quality of information. Data would be collected from both Google Search and ChatGPT, from which the data would analyze. To conclude machine learning modules would be developed to identify if search result is relevant or not.

## Data Collection



## Data Analysis

## Query Length Analysis

[illegible]

## Named Entity Recognition (NER)

[illegible]

GRAPH TO BE ADDED

## Top Words Analysis

GRAPH TO BE ADDED

[illegible]

## Sentiment Analysis

This image shows a full page of primary-ruled paper. It features four identical sets of horizontal lines, each consisting of a solid top line, a dashed middle line, and a solid bottom line. The sets are evenly spaced vertically across the entire page, providing a template for handwriting practice. There are no margins, text, or other markings on the paper.

GRAPH TO BE ADDED

## Similarity Analysis

## Cosine Similarity

[illegible]

GRAPH TO BE ADDED

## Euclidean Similarity

[illegible]

GRAPH TO BE ADDED

## Jaccard Similarity

[illegible]

GRAPH TO BE ADDED

## Pearson Correlation

[illegible]

GRAPH TO BE ADDED

## Proposed Solutions

## Count Vectorizer Machine Learning Module

[illegible]

## Evaluations

This image shows a full page of primary-ruled notebook paper. It features multiple sets of horizontal lines designed to help young learners write neatly. Each set consists of three lines: a solid top line, a dashed middle line, and a solid bottom line. These sets are repeated down the entire page, providing ample space for handwriting practice. The paper is otherwise blank, with no margins, text, or illustrations.