# Introduction to Mapping and Text Analysis in Elasticsearch

## 1. Recap of Previous Section

In the previous section, we explored various Elasticsearch queries and performed hands-on tasks such as indexing documents. While we covered some internal aspects of how indexing works, it was just an introduction to the broader concepts.

## 2. Introduction to Mapping and Text Analysis

In this section, we will delve into two essential topics in Elasticsearch:  
 - \*\*Mapping\*\*: Defines the structure of documents and the type of data stored within them.  
 - \*\*Text Analysis\*\*: Processes and transforms text data to make it searchable and analyzable.

These topics are foundational to Elasticsearch and are closely related, making it logical to study them together.

## 3. What is Text Analysis?

Text analysis refers to the process of breaking down and transforming text data to make it suitable for search and analysis. It is a critical component of Elasticsearch's functionality, enabling efficient and accurate text-based queries.

## 4. Overview of Upcoming Topics

In the upcoming sections, we will explore:  
 - How mapping defines the structure of an index.  
 - The role of text analysis in preparing text data for indexing.  
 - Practical examples demonstrating the interaction between mapping and text analysis.

## 5. Summary

Mapping and text analysis are fundamental concepts in Elasticsearch. Understanding these topics is essential for designing efficient and effective search systems. This section will provide an in-depth exploration of both topics, preparing you to handle complex Elasticsearch use cases.