2: Managing Indices

***Section Description (from the outline):*** In this section we examine the important task of managing indices in ElasticSearch

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| **Metadata**: Spot the problem, highlight it, and design the solution in 3 core steps  (To be covered in the video) |

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| **Video Number** | **Video Title** | **Problem / Solution (Not more than 50 words)** | **Step 1 (Not more than 10 words)** | **Step 2(Not more than 10 words)** | **Step 3(Not more than 10 words)** |
| 2.1 | Managing Indices: Part I | Need to gain understanding of most common type of index | Identify and defined the two most common index patterns | Gain deeper understanding of monolith indices | Learn how over sharding can be achieve with monolith indices |

Metadata for Section 2

Section Description (from the outline): Describe what this section intends to cover- decided during outline discussion.

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| **Metadata**: Spot the problem, highlight it, and design the solution in 3 core steps  (To be covered in the video) |

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| **Video Number** | **Video Title** | **Problem / Solution (Not more than 50 words)** | **Step 1 (Not more than 10 words)** | **Step 2(Not more than 10 words)** | **Step 3(Not more than 10 words)** |
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| 2.2 | Managing Indices: Part II | Learned how to optimize cluster performance with indices | Understand how to leverage aliases | Dive into disk based allocation to optimize sharding | Learn to close unused indices to preserve cluster resources |
| 2.3 | Managing Indices: Part III | How to optimize search performance by making indices smaller | Learn how to use force-merge | Leverage rollover indices to control index size | Learn API calls for force-merge and rollovers |