

object data type

- Used for any JSON object
- Objects may be nested
- Mapped using the `properties` parameter
- Objects are **not** stored as objects in Apache Lucene
 - Objects are transformed to ensure that we can index any valid JSON
 - In particular, objects are *flattened*

nested data type

- Similar to the `object` data type, but maintains object relationships
 - Useful when indexing arrays of objects
- Enables us to query objects independently
 - Must use the `nested` query
- `nested` objects are stored as hidden documents

keyword data type

- Used for exact matching of values
- Typically used for filtering, aggregations, and sorting
- E.g. searching for articles with a status of `PUBLISHED`
- For full-text searches, use the `text` data type instead
 - E.g. searching the body text of an article