Introduction to arrays

- There is no such thing as an `array` data type

- Any field may contain zero or more values

    - No configuration or mapping needed

    - Simply supply an array when indexing a document

- We did this for the `tags` field for the `products` index

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Constraints

- Array values *should* be of the same data type

- Coercion only works for fields that are already mapped

  - If creating a field mapping with dynamic mapping, an array **must** contain the same data type

- I don't recommend using coercion (at least not on purpose)

Nested arrays

- Arrays may contain nested arrays

- Arrays are flattened during indexing

- `[ 1, [ 2, 3 ] ]` becomes `[ 1, 2, 3 ]`

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A small reminder

Remember to use the `nested` data type for arrays of objects if you need to query the objects independently.