**Advanced search system - Attachments**

* **Modeling data**

<https://www.elastic.co/guide/en/elasticsearch/guide/2.x/denormalization.html>

<https://www.elastic.co/guide/en/elasticsearch/guide/2.x/nested-objects.html>

<https://www.elastic.co/guide/en/elasticsearch/guide/2.x/parent-child.html>

<https://www.elastic.co/guide/en/elasticsearch/reference/current/parent-join.html>

* **Mapping**

<https://www.elastic.co/guide/en/elasticsearch/reference/current/indices-put-mapping.html>

<https://www.elastic.co/guide/en/elasticsearch/guide/2.x/one-lang-fields.html>

<https://www.elastic.co/guide/en/elasticsearch/reference/current/analysis-lang-analyzer.html>

<https://www.elastic.co/guide/en/elasticsearch/reference/current/nested.html>

<https://www.elastic.co/guide/en/elasticsearch/reference/current/parent-join.html>

<https://www.elastic.co/guide/en/elasticsearch/guide/current/has-parent.html>

* **Search query**

<https://www.elastic.co/guide/en/elasticsearch/reference/7.x/query-dsl-distance-feature-query.html>

<https://www.elastic.co/guide/en/elasticsearch/guide/2.x/lat-lon-formats.html>

* **Nested query + nested aggregation**

<https://www.elastic.co/guide/en/elasticsearch/reference/current/query-dsl-nested-query.html>

<https://www.elastic.co/guide/en/elasticsearch/reference/current/search-aggregations.html>

<https://www.elastic.co/guide/en/elasticsearch/reference/current/search-aggregations-bucket-terms-aggregation.html>

<https://www.elastic.co/guide/en/elasticsearch/reference/current/search-aggregations-bucket-histogram-aggregation.html>

<https://www.elastic.co/guide/en/elasticsearch/reference/current/search-aggregations-metrics-avg-aggregation.html>

<https://www.elastic.co/guide/en/elasticsearch/reference/current/search-aggregations-bucket-nested-aggregation.html>

* **Geo shape query + Geo hash aggregation**

<http://geojson.io/#map=2/20.0/0.0>

<https://www.elastic.co/guide/en/elasticsearch/reference/current/query-dsl-geo-polygon-query.html>

<https://www.elastic.co/guide/en/elasticsearch/reference/7.13/query-dsl-geo-shape-query.html>

<https://www.elastic.co/guide/en/elasticsearch/reference/7.13/query-dsl-geo-bounding-box-query.html>

<https://www.elastic.co/guide/en/elasticsearch/reference/master/shape.html>

<https://www.elastic.co/guide/en/elasticsearch/reference/current/search-aggregations-bucket-geohashgrid-aggregation.html>