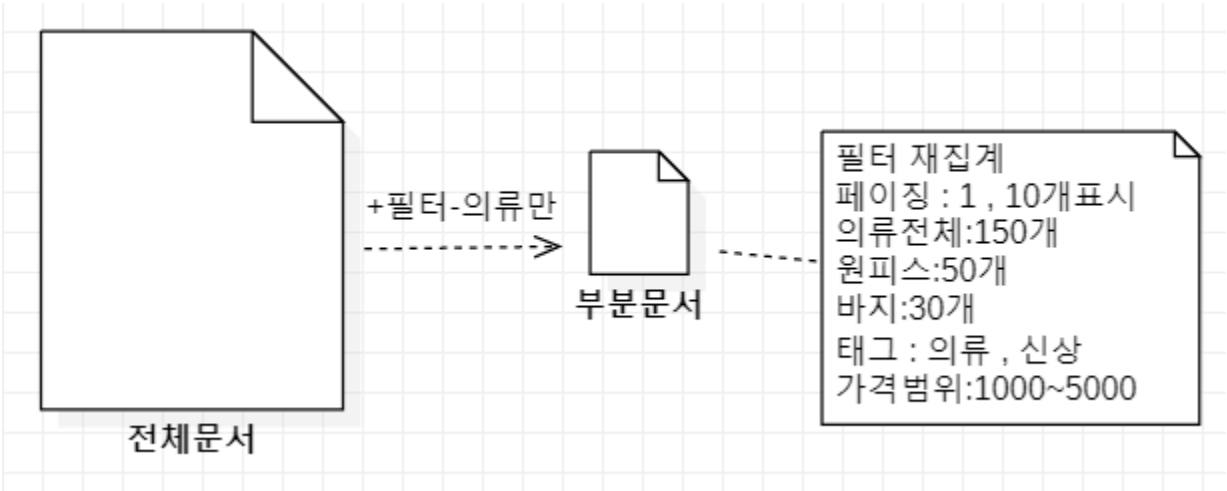


04. Aggregation By Nest



```
,
, 2
1.
2.
(Where)
Group By

Aggregation

• Filter Aggregation
```

```

//Paging
var searchDes = new SearchDescriptor<SearchGoods>()
    .From(page)
    .Size(limit);

// Filter 3

//Aggregations( )
searchDes.Aggregations(aggs => aggs
    .Average("average_per_price", avg => avg.Field(p => p.price))
    .Max("max_per_price", avg => avg.Field(p => p.price))
    .Min("min_per_price", avg => avg.Field(p => p.price))
    .Terms("category1_cnt", st => st
        .Field(p => p.category1.Suffix("keyword"))
        .MinimumDocumentCount(1)
        .Size(100000)
        .ShardSize(100)
        .ExecutionHint(TermsAggregationExecutionHint.Map)
        .Missing("na")
        .Order(o => o
            .KeyAscending()
            .CountDescending()
        )
        .Meta(m => m
            .Add("foo", "bar")
        )
    )
    .Terms("category2_cnt", st => st
        .Field(p => p.category2.Suffix("keyword"))
        .MinimumDocumentCount(1)
        .Size(100000)
        .ShardSize(100)
        .ExecutionHint(TermsAggregationExecutionHint.Map)
        .Missing("na")
        .Order(o => o
            .KeyAscending()
            .CountDescending()
        )
        .Meta(m => m
            .Add("foo", "bar")
        )
    )
    .Terms("tag_cnt", st => st
        .Field(p => p.tags.Suffix("keyword"))
        .MinimumDocumentCount(1)
        .Size(100000)
        .ShardSize(100)
        .ExecutionHint(TermsAggregationExecutionHint.Map)
        .Missing("na")
        .Order(o => o
            .KeyAscending()
            .CountDescending()
        )
        .Meta(m => m
            .Add("foo", "bar")
        )
    )
);

```

- : .
- : , .
- : , .

```
var agg = engine_result.Aggregations;  
var category1_aggs = agg.Terms("category1_cnt");  
var category2_aggs = agg.Terms("category2_cnt");  
var tag_aggs = agg.Terms("tag_cnt");  
var minPrice = agg.ValueCount("min_per_price").Value
```

key/values .

summary

Aggreagation .

more info : <https://www.elastic.co/guide/en/elasticsearch/client/net-api/current/writing-aggregations.html>