chapter9

```
PUT create_pipeline_range_ratio

http://localhost:9200/_ingest/pipeline/range_ratio

HEADERS
```

Content-Type

:f application/json

ıt accept

aΙ

S

application/json

BODY

Example Request

create_pipeline_range_ratio

e DEL delete_pipeline_range_ratio

```
http://localhost:9200/_ingest/pipeline/range_ratio
```

HEADERS

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Content-Type

application/json

accept

application/json

BODY

Example Request

delete_pipeline_range_ratio

e **DEL** delete_pipeline_wildcard_expression

```
http://localhost:9200/_ingest/pipeline/range_ratio*
```

HEADERS

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Content-Type

application/json

accept

application/json

BODY

Example Request

delete_pipeline_wildcard_expression

POST simulate_pipeline_range_ratio

```
http://localhost:9200/_ingest/pipeline/range_ratio/_simulate
```

HEADERS

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Content-Type

application/json

accept

application/json

BODY

Example Request

simulate_pipeline_range_ratio

e POST simulate_pipeline_ad_hoc_range_ratio

```
http://localhost:9200/_ingest/pipeline/_simulate
```

al HEADERS

f Content-Type

application/json

accept

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s application/json

BODY

Example Request

simulate_pipeline_ad_hoc_range_ratio

e POST index_with_pipeline_range_ratio

```
http://localhost:9200/cf_etf_pipeline/_doc/1?pipeline=range_ratio
```

HEADERS

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```
Content-Type
```

application/json

accept

application/json

PARAMS

pipeline

range_ratio

О

BODY

```
"date": "2018-12-26",
  "open": 24.8706,
  "high": 25.6553,
  "low": 24.7117,
  "close": 25.6553,
  "volume": 422158,
  "unadjustedVolume": 422158,
  "changePercent": 3.403,
```

```
Example Request
```

```
index_with_pipeline_range_ratio
     curl --location --request POST "http://localhost:9200/cf_etf_pipeline/_doc/1?pipeline=range_rati
1
       --header "Content-Type: application/json" \
       --header "accept: application/json" \
       --data "{
i
         \"date\": \"2018-12-26\",
         \"open\": 24.8706,
         \"high\": 25.6553,
         \"low\": 24.7117,
         \"close\": 25.6553,
e
```

DEL index_with_pipeline_range_ratio_doc

```
http://localhost:9200/cf_etf_pipeline/_doc/1
```

HEADERS

;

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:f

Content-Type

application/json

accept

application/json

BODY

ıt

О

```
{
```

```
"date": "2018-12-26",
"open": 24.8706,
"high": 25.6553,
"low": 24.7117,
"close": 25.6553,
"volume": 422158,
"unadjustedVolume": 422158,
"change": 0.84425,
"changePercent": 3.403,
```

Example Request

```
index_with_pipeline_range_ratio_doc
     curl --location --request DELETE "http://localhost:9200/cf_etf_pipeline/_doc/1" \
       --header "Content-Type: application/json" \
       --header "accept: application/json" \
       --data "{
         \"date\": \"2018-12-26\",
         \"open\": 24.8706,
i
         \"high\": 25.6553,
         \"low\": 24.7117,
         \"close\": 25.6553,
         \"volume\": 422158,
е
   GET get_document_from_index_with_pipeline_range_ratio
    http://localhost:9200/cf_etf_pipeline/_doc/1
эl
:f
   HEADERS
   Content-Type
   application/json
   accept
   application/json
   BODY
ıt
    {
    }
```

Example Request

```
get_document_from_index_with_pipeline_range_ratio

curl --location --request GET "http://localhost:9200/cf_etf_pipeline/_doc/1" \
    --header "Content-Type: application/json" \
    --header "accept: application/json" \
    --data "{
}"
```

POST simulate_pipeline_ad_hoc_kv_processor

```
http://localhost:9200/_ingest/pipeline/_simulate
   HEADERS
   Content-Type
   application/json
   accept
e
   application/json
   BODY
aΙ
    {
:f
         "pipeline": {
             "description": "kv processor demo",
             "processors":[{
Ιt
                  "kv": {
                      "field": "test field",
S
                      "field split":",",
                      "value split":":",
                      "target field": "e",
                      "trim key":" ",
ıt
   Example Request
    simulate_pipeline_ad_hoc_kv_processor
     curl --location --request POST "http://localhost:9200/_ingest/pipeline/_simulate" \
       --header "Content-Type: application/json" \
       --header "accept: application/json" \
       --data "{
         \"pipeline\": {
              \"description\":\"kv processor demo\",
              \"processors\":[{
                  \"kv\": {
                      \"field\": \"test_field\",
                      \"field_split\":\",\",
```

http://localhost:9200/_ingest/pipeline/_simulate

```
HEADERS
```

```
Content-Type
   application/json
   accept
   application/json
е
   BODY
;
     {
         "pipeline": {
             "description": "remove the rating field is the rating is equal to a single space string",
϶l
              "processors":[{
                  "remove": {
:f
                      "field": "rating",
                      "if": "ctx.rating == ' '"
Ιt
             }]
```

```
Example Request
```

POST get_document_empty_rating_from_cf_etf

```
http://localhost:9200/cf_etf/_search
```

HEADERS

```
Content-Type
   application/json
   accept
   application/json
   BODY
     {
e
         "query": {
             "match": {
                  "symbol": "AGT"
         }
эl
    }
:f
ιt
   Example Request
    get_document_empty_rating_from_cf_etf
     curl --location --request POST "http://localhost:9200/cf_etf/_search" \
       --header "Content-Type: application/json" \
       --header "accept: application/json" \
       --data "{
ıt
         \"query\": {
              \"match\": {
О
                  \"symbol\":\"AGT\"
              }
         }
```

$\textbf{POST} \hspace{0.1cm} \textbf{simulate_pipeline_conditional_execution_null_safe_operator$

http://localhost:9200/_ingest/pipeline/_simulate

HEADERS

}"

Content-Type

application/json

```
accept
```

application/json

```
BODY
```

:f Example Request

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PUT define_for_market_cap__null_processor

http://localhost:9200/_ingest/pipeline/for_market_cap_null_processor

HEADERS

Content-Type

application/json

accept

application/json

BODY

Example Request

PUT define_for_market_cap_processor

```
http://localhost:9200/_ingest/pipeline/for_market_cap_processor
```

HEADERS

ιt

Content-Type

application/json

accept

application/json

BODY

e Example Request

GET symbo_bil_market_cap_null_etf

http://localhost:9200/cf_etf/_search?q=symbol:BIL

HEADERS

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Content-Type

application/json

accept

application/json

PARAMS

q

symbol:BIL

```
Example Request
```

```
symbo_bil_market_cap_null_etf

curl --location --request GET "http://localhost:9200/cf_etf/_search?q=symbol:BIL" \
    --header "Content-Type: application/json" \
    --header "accept: application/json"
```

e POST simulate_pipeline_conditional_execution_switch_case

```
http://localhost:9200/_ingest/pipeline/_simulate
```

al HEADERS

f Content-Type

application/json

accept

ıt

s application/json

BODY

Example Request

 $simulate_pipeline_conditional_execution_switch_case$

e POST simulate_pipeline_hit_exception_error

```
http://localhost:9200/_ingest/pipeline/_simulate
```

HEADERS

эl

:f

```
Content-Type
```

application/json

accept

application/json

BODY

Example Request

simulate_pipeline_hit_exception_error

e

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https://documenter.getpostman.com/view/1235836/S1Lu2pyc