

POST /book/_search

```
{
  "query": {
    "filtered": {
      "query": {
        "match_all": {}
      },
      "filter": {
        "range": {
          "price": {
            "gte": 200,
            "lte": 1000
          }
        }
      }
    }
  }
}
```

POST /book/_search

```
{
  "query": {
    "bool": {
      "must": {
        "match_all": {}
      },
      "filter": {
        "range": {
          "price": {
            "gte": 200,
            "lte": 1000
          }
        }
      }
    }
  }
}
```

GET /book/_search?explain

```
{
  "query": {
    "match1": {
      "name": "test"
    }
  }
}
```

GET /book/_validate/query?explain

```
{
  "query": {
    "match1": {
      "name": "test"
    }
  }
}
```

POST /book/_search

```
{
  "size": 0,
  "aggs": {
    "max_price": {
      "max": {
        "field": "price"
      }
    }
  }
}
```

POST /book/_count

```
{
  "query": {
    "range": {
      "price": {
        "gt": 100
      }
    }
  }
}
```

POST /book/_search?size=0

```
{
  "aggs": {
    "price_count": {
      "value_count": {
        "field": "price"
      }
    }
  }
}
```

POST /book/_search?size=0

```
{
  "aggs": {
    "_id_count": {
      "cardinality": {
        "field": "_id"
      }
    },
    "price_count": {
      "cardinality": {
        "field": "price"
      }
    }
  }
}
```

POST /book/_search?size=0

```
{
  "aggs": {
    "price_stats": {
      "stats": {
        "field": "price"
      }
    }
  }
}
```

```

    }
  }
}

```

POST /book/_search?size=0

```

{
  "aggs": {
    "price_stats": {
      "extended_stats": {
        "field": "price"
      }
    }
  }
}

```

POST /book/_search?size=0

```

{
  "aggs": {
    "price_percents": {
      "percentiles": {
        "field": "price"
      }
    }
  }
}

```

POST /book/_search?size=0

```

{
  "aggs": {
    "price_percents": {
      "percentiles": {
        "field": "price",
        "percents" : [75, 99, 99.9]
      }
    }
  }
}

```

POST /book/_search?size=0

```

{
  "aggs": {
    "gge_perc_rank": {
      "percentile_ranks": {
        "field": "price",
        "values": [
          100,200
        ]
      }
    }
  }
}

```

POST /book/_search

```

{
  "size": 0,
  "aggs": {
    "group_by_price": {

```

```

    "range": {
      "field": "price",
      "ranges": [
        {
          "from": 0,
          "to": 200
        },
        {
          "from": 200,
          "to": 400
        },
        {
          "from": 400,
          "to": 1000
        }
      ]
    },
    "aggs": {
      "average_price": {
        "avg": {
          "field": "price"
        }
      }
    }
  }
}

```

POST /book/_search

```

{
  "size": 0,
  "aggs": {
    "group_by_price": {
      "range": {
        "field": "price",
        "ranges": [
          {
            "from": 0,
            "to": 200
          },
          {
            "from": 200,
            "to": 400
          },
          {
            "from": 400,
            "to": 1000
          }
        ]
      },
      "aggs": {
        "average_price": {
          "avg": {
            "field": "price"
          }
        }
      }
    },
    "count_price": {
      "value_count": {

```

```

        "field": "price"
      }
    }
  }
}

POST /book/_search
{
  "size": 0,
  "aggs": {
    "group_by_price": {
      "range": {
        "field": "price",
        "ranges": [
          {
            "from": 0,
            "to": 200
          },
          {
            "from": 200,
            "to": 400
          },
          {
            "from": 400,
            "to": 1000
          }
        ]
      },
      "aggs": {
        "average_price": {
          "avg": {
            "field": "price"
          }
        },
        "having": {
          "bucket_selector": {
            "buckets_path": {
              "avg_price": "average_price"
            },
            "script": {
              "source": "params.avg_price >= 200 "
            }
          }
        }
      }
    }
  }
}

```

