# Introduction

GET news\_headlines/\_search

{

"query": {

"match\_phrase": {

"headline": "Michelle Obama"

}

},

"aggregations": {

"category\_mentions": {

"terms": {

"field": "category",

"size": 100

}

}

}

}

# bool query: must

GET news\_headlines/\_search

{

"query": {

"bool": {

"must": [

{

"match\_phrase": {

"headline": "Michelle Obama"

}

},

{

"match": {

"category": "POLITICS"

}

}

]

}

}

}

# bool query: must\_not

GET news\_headlines/\_search

{

"query": {

"bool": {

"must": {

"match\_phrase": {

"headline": "Michelle Obama"

}

},

"must\_not":[

{

"match": {

"category": "WEDDINGS"

}

}

]

}

}

}

# bool query: should = nice to have(change ranking of the result)

GET news\_headlines/\_search

{

"query": {

"bool": {

"must": [

{

"match\_phrase": {

"headline": "Michelle Obama"

}

}

],

"should":[

{

"match\_phrase": {

"category": "BLACK VOICES"

}

}

]

}

}

}

# bool query: filter

GET news\_headlines/\_search

{

"query": {

"bool": {

"must": [

{

"match\_phrase": {

"headline": "Michelle Obama"

}

}

],

"filter":{

"range":{

"date": {

"gte": "2014-03-25",

"lte": "2016-03-25"

}

}

}

}

}

}