

SESIÓN 6

RETO 1

- Propiedades que no permitan fiestas.

The screenshot shows the Kibana interface for the 'sample_airbnb.listingsAndReviews' index. The top navigation bar includes 'Documents', 'Aggregations', 'Schema', 'Explain Plan', 'Indexes', and 'Validation'. The 'Documents' tab is active. A filter is applied: `{house_rules: /no parties/i}`. The search results show a single document for a property named 'Banyan Bungalow'. The document fields include: `_id`, `listing_url`, `name`, `summary`, `space`, `description`, `neighborhood_overview`, `notes`, `transit`, `access`, `interaction`, `house_rules`, `property_type`, `room_type`, `bed_type`, `minimum_nights`, `maximum_nights`, `cancellation_policy`, `last_scraped`, `calendar_last_scraped`, `first_review`, `last_review`, `accommodates`, `bedrooms`, and `beds`. The document is displayed in a JSON format. The interface also shows a 'SHOW 14 MORE FIELDS' button.

- Propiedades que admitan mascotas.

The screenshot shows the Kibana interface for the 'sample_airbnb.listingsAndReviews' index. The top navigation bar includes 'Documents', 'Aggregations', 'Schema', 'Explain Plan', 'Indexes', and 'Validation'. The 'Documents' tab is active. A filter is applied: `{house_rules:{$not: /not pets/i}}`. The search results show a single document for a property named 'Ribeira Charming Duplex'. The document fields include: `_id`, `listing_url`, `name`, `summary`, `space`, `description`, `neighborhood_overview`, `notes`, `transit`, `access`, `interaction`, `house_rules`, `property_type`, `room_type`, `bed_type`, `minimum_nights`, `maximum_nights`, `cancellation_policy`, `last_scraped`, `calendar_last_scraped`, `first_review`, `last_review`, `accommodates`, `bedrooms`, and `beds`. The document is displayed in a JSON format. The interface also shows a 'SHOW 14 MORE FIELDS' button.

- Propiedades que no permitan fumadores.

sample_airbnb.listingsAndReviews

DOCUMENTS 5.6k TOTAL SIZE 90.0MB AVG. SIZE 16.6KB INDEXES 4 TOTAL SIZE 480.0KB AVG. SIZE 120.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER {house_rules: /no smoking/i} OPTIONS FIND RESET

ADD DATA VIEW

Displaying documents 1 - 20 of 639 REFRESH

```
{
  "_id": "10083468",
  "listing_url": "https://www.airbnb.com/rooms/10083468",
  "name": "Be Happy in Porto",
  "summary": "Be Happy Apartment is an amazing space. Renovated and comfortable apar...",
  "space": "Be Happy Apartment is housed in a typical Porto building, where the ap...",
  "description": "Be Happy Apartment is an amazing space. Renovated and comfortable apar...",
  "neighborhood_overview": "\"Be happy in Porto\" offers a quality accommodation to spend a few ple...",
  "notes": "",
  "transit": "When you arrive at Airport Francisco S\u00e1 Carneiro my advice to take the...",
  "access": "My guests have access to all apartment.",
  "interaction": "I'm always available with for my guests.",
  "house_rules": ". No smoking inside the apartment. . Is forbidden receive or lead stra...",
  "property_type": "Loft",
  "room_type": "Entire home/apt",
  "bed_type": "Real Bed",
  "minimum_nights": "2",
  "maximum_nights": "1125",
  "cancellation_policy": "moderate",
  "last_scraped": "2019-02-16T05:00:00.000+00:00",
  "calendar_last_scraped": "2019-02-16T05:00:00.000+00:00",
  "first_review": "2016-01-02T05:00:00.000+00:00",
  "last_review": "2019-02-09T05:00:00.000+00:00",
  "accommodates": 2,
  "bedrooms": 1,
  "beds": 1
}
```

SHOW 14 MORE FIELDS

- Propiedades que no permitan fiestas ni fumadores.

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER {house_rules: /parties.*smoking/} OPTIONS FIND RESET

ADD DATA VIEW

Displaying documents 1 - 20 of 63 REFRESH

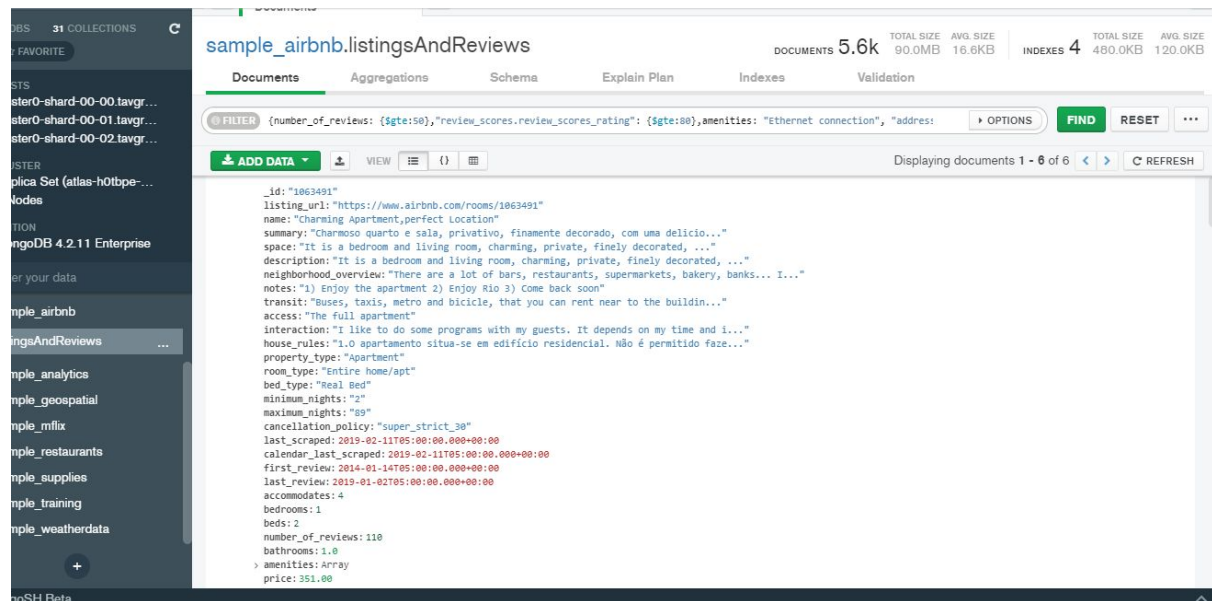
```
{
  "_id": "10423504",
  "listing_url": "https://www.airbnb.com/rooms/10423504",
  "name": "Bondi Beach Dreaming 3-Bed House",
  "summary": "This peaceful house in North Bondi is 300m to the beach and a minute's...",
  "space": "Serene space with three bedrooms, including a studio at the back, 300m...",
  "description": "This peaceful house in North Bondi is 300m to the beach and a minute's...",
  "neighborhood_overview": "North Bondi is laid back with great food and coffee. You can walk to 1...",
  "notes": "Please nominate the correct number of guests before you arrive. There ...",
  "transit": "There is parking for one car and a second car can be parked with a str...",
  "access": "The house has a front deck and back garden area. I can be flexible wi...",
  "interaction": "The house is offered as a whole. I won't be around after I've checked ...",
  "house_rules": "Guests should have Airbnb verification at time of booking. We expect g...",
  "property_type": "House",
  "room_type": "Entire home/apt",
  "bed_type": "Real Bed",
  "minimum_nights": "2",
  "maximum_nights": "1125",
  "cancellation_policy": "strict_14_with_grace_period",
  "last_scraped": "2019-03-07T05:00:00.000+00:00",
  "calendar_last_scraped": "2019-03-07T05:00:00.000+00:00",
  "first_review": "2016-01-30T05:00:00.000+00:00",
  "last_review": "2018-11-11T05:00:00.000+00:00",
  "accommodates": 8,
  "bedrooms": 3,
  "beds": 6
}
```

SHOW 16 MORE FIELDS

RETO 2:

Usando la colección `sample_airbnb.listingsAndReviews`, agrega un filtro que permita obtener todas las publicaciones que tengan 50 o más comentarios, que la valoración sea mayor o igual a 80, que cuenten con conexión a Internet vía cable y estén ubicada en Brazil.

```
{number_of_reviews: {$gte:50},"review_scores.review_scores_rating": {$gte:80},amenities: "Ethernet connection", "address.country":"Brazil"}
```



RETO 3:

Usando la colección `sample_airbnb.listingsAndReviews`, mediante el uso de agregaciones, encontrar el número de publicaciones que tienen conexión a Internet, sea desde Wifi o desde cable (Ethernet).

SÁNCHEZ DÍAZ MARÍA BEATRIZ

Grupo: 1

Help

is now available! Would you like to install and restart Compass? [Read Release Notes](#)

UPDATE COMPASSNOT NOW

sample_airbnb.listingsAndReviews

DOCUMENTS 5.6kTOTAL SIZE 90.0MBAVG SIZE 16.6KBINDEXES 4TOTAL SIZE 480.0KBAVG SIZE 120.0KB

DocumentsAggregationsSchemaExplain PlanIndexesValidation

\$match

Output after \$match stage (Sample of 20 documents)

```
1 /**
2  * query: The query in MQL.
3  */
4 {
5   amenities: {$in: ["wifi", "Ethernet conection"]}
6 }
```

_id: "10006546"

listing_url: "https://www.airbnb.com/rooms/10006546"

name: "Ribeira Charming Duplex"

summary: "Fantastic duplex apartment with three bedroom located in the histori..."

space: "Privileged views of the Douro River and Ribeira square, our apartment ..."

description: "Fantastic duplex apartment with three bed located in the histori..."

_id: "10009999"

listing_url: "https://www.airbnb.com/rooms/"

name: "Horto flat with small garden"

summary: "One bedroom + sofa-bed in quiet a neighbourhood right next t..."

space: "Lovely one bedroom + sofa-bed in th perfect for two but ..."

description: "One bedroom + sofa-bed in qui neighbourhood right next t..."

\$count

Output after \$count stage (Sample of 1 document)

```
1 /**
2  * Provide the field name for the count.
3  */
4 'amenities'
```

amenities: 5303

+

EJERCICIOS SESIÓN 6

{number_of_reviews: {\$gte:50},"review_scores.review_scores_rating": {\$gte:80},amenities: "Ethernet connection", "address.country":"Brazil"}

El ejercicio consiste en obtener todas las publicaciones que tengan 50 o más comentarios, que la valoración sea mayor o igual a 80, que cuenten con conexión a Internet vía cable y estén ubicadas en Brazil.

The image displays three screenshots of the Elasticsearch Kibana interface, showing the results of different queries. Each screenshot consists of a query editor on the left and a list of documents on the right.

First Screenshot: The query is `{number_of_reviews: {$gte:50}}`. The output shows two documents with IDs `10006546` and `1001265`.

Second Screenshot: The query is `{review_scores.review_scores_rating: {$gte:80}}`. The output shows two documents with IDs `10006546` and `1001265`.

Third Screenshot: The query is `{amenities: "Ethernet connection", "address.country":"Brazil"}`. The output shows two documents with IDs `1001265` and `10091713`. A red box highlights the text "Output after \$match stage (Sample of 6 documents)".