

EJERCICIO.

Para este ejercicio deberás practicar en el uso de agregaciones, pues serán usadas durante la siguiente sesión.

La base de datos y colección que debes usar es `sample_airbnb.listingsAndReviews`.

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.

odb.net/sample_airbnb.listingsAndReviews

sample_airbnb.listingsAndReviews

DOCUMENTS 5.6k TOTAL SIZE 90.0MB AVG. SIZE 16.6KB INDEXES 4 TOTAL SIZE 552.0KB AVG. SIZE 138.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION EjercicioSesion6 SAVE SAMPLE MODE AUTO PREVIEW

5555 Documents in the Collection Preview of Documents in the Collection

Select an operator to construct expressions used in the aggregation pipeline stages. [Learn more](#)

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

```
1 // **
2 * query: The query in MQL.
3 */
4 {
5   number_of_reviews: {$gte: 50}
6 }
```

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

```
1 // **
2 * query: The query in MQL.
3 */
4 {
5   "address.country": "Brazil"
6 }
```

\$match Output after \$match stage (Sample of 6 documents)

```
1 // **
2 * query: The query in MQL.
```

odb.net/sample_airbnb.listingsAndReviews

sample_airbnb.listingsAndReviews

DOCUMENTS 5.6k TOTAL SIZE 90.0MB AVG. SIZE 16.6KB INDEXES 4 TOTAL SIZE 552.0KB AVG. SIZE 138.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION EjercicioSesión6 SAVE

SAMPLE MODE AUTO PREVIEW

Summary: "...
space: "Murphy bed, optional second bedroom available.
wifi available, Hulu, N..."
description: "Murphy bed, optional second bedroom avail
wifi available, Hulu, N..."
neighborhood overview: "Great neighborhood - many terri

Summary: "...
space: "The apartment has a living room, toilet, bea
(suite) and American ..."
space: "The apartment has a living room, wash room, sul
and an American kitc..."
description: "The Apartment has a living room, toilet,
(suite) and American ..."

Summary: "...
space: "Be Happy Apartment is an amazing space. Renov
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. R
and comfortable apar..."

Summary: "...
space: "The apartment has a living room, toilet, bea
(suite) and American ..."
space: "The apartment has a living room, wash room, sul
and an American kitc..."
description: "The Apartment has a living room, toilet,
(suite) and American ..."

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

1 // **
2 * query: The query in MQL.
3 //
4 {
5 "address.country": "Brazil"
6 }

_id: "1063496"
listing_url: "https://www.airbnb.com/rooms/1063496"
name: "Copacabana Apartment Posto 6"
summary: "The Apartment has a living room, toilet, bedr
(suite) and American ..."
space: "The apartment has a living room, wash room, sul
and an American kitc..."
description: "The Apartment has a living room, toilet,
(suite) and American ..."

_id: "1063491"
listing_url: "https://www.airbnb.com/rooms/1063491"
name: "Charming Apartment, perfect Location"
summary: "Charmoso quarto e sala, privativo, finamente
decorado, com uma delicio..."
space: "It is a bedroom and living room, charming,
private, finely decorated, ..."
description: "It is a bedroom and living room, charming
private, finely decorated, ..."

_id: "11740322"
listing_url: "https://www.airbnb.com/rooms/11740322"
name: "Charming Apartment, perfect Location"
summary: "Charmoso quarto e sala, privativo, finamente
decorado, com uma delicio..."
space: "It is a bedroom and living room, charming,
private, finely decorated, ..."
description: "It is a bedroom and living room, charming
private, finely decorated, ..."

_id: "11939367"
listing_url: "https://www.airbnb.com/rooms/11939367"
name: "Suite TOP frente Mar Barra posto 4 + Café da
Manhã"
summary: "Suite Top em Confortável Apartamento no Helio
Ponto da Praia na Av. L..."
space: "Condomínio extremamente familiar com dezenas de
itens de lazer como pl..."
description: "Suite Top em Confortável Apartamento no M

_id: "11744"
listing_ur
name: "Aco
Redee
summary: "S
wi
space: "The
the
descriptio

Output after \$match stage (Sample of 6 documents)

1 // **
2 * query: The query in MQL.
3 //
4 {
5 amenities: { \$in: [/Ethernet/] }
6 }

_id: "1063491"
listing_url: "https://www.airbnb.com/rooms/1063491"
name: "Charming Apartment, perfect Location"
summary: "Charmoso quarto e sala, privativo, finamente
decorado, com uma delicio..."
space: "It is a bedroom and living room, charming,
private, finely decorated, ..."
description: "It is a bedroom and living room, charming
private, finely decorated, ..."

_id: "11740322"
listing_url: "https://www.airbnb.com/rooms/11740322"
name: "Cozy doble bedroom *Nearby Christ the
Redeemer*"
summary: "Stay in a quiet place with great location! Fr
wifi access throughout..."
space: "The house was built in 1927 and is preserved by
the Municipal Secretar..."
description: "Stay in a quiet place with great location

_id: "15126080"
listing_url: "https://www.airbnb.com/rooms/15126080"
name: "Room at Copacabana beach! 3 min to beach"
summary: "3 min away from Copacabana beach, it fits up
people with space. T..."
space: "The apartment is relaxing and wide open. Great
windows and good ventill..."
description: "3 min away from Copacabana beach, it fits
people with space. T..."

_id: "14996"
listing_ur
name: "Best
summary: "F
Fa
space: "The
very
descriptio

Output after \$match stage (Sample of 6 documents)

1 // **
2 * query: The query in MQL.
3 //
4 {
5 "review_scores.review_scores_rating": { \$gte: 80 }
6 }

_id: "1063491"
listing_url: "https://www.airbnb.com/rooms/1063491"
name: "Charming Apartment, perfect Location"
summary: "Charmoso quarto e sala, privativo, finamente
decorado, com uma delicio..."
space: "It is a bedroom and living room, charming,
private, finely decorated, ..."
description: "It is a bedroom and living room, charming
private, finely decorated, ..."

_id: "11740322"
listing_url: "https://www.airbnb.com/rooms/11740322"
name: "Cozy doble bedroom *Nearby Christ the
Redeemer*"
summary: "Stay in a quiet place with great location! Fr
wifi access throughout..."
space: "The house was built in 1927 and is preserved by
the Municipal Secretar..."
description: "Stay in a quiet place with great location

_id: "15126080"
listing_url: "https://www.airbnb.com/rooms/15126080"
name: "Room at Copacabana beach! 3 min to beach"
summary: "3 min away from Copacabana beach, it fits up
people with space. T..."
space: "The apartment is relaxing and wide open. Great
windows and good ventill..."
description: "3 min away from Copacabana beach, it fits
people with space. T..."

_id: "14996"
listing_ur
name: "Best
summary: "F
Fa
space: "The
very
descriptio

odb.net/sample_airbnb.listingsAndReviews

sample_airbnb.listingsAndReviews

DOCUMENTS 5.6k TOTAL SIZE 90.0MB AVG. SIZE 16.6KB INDEXES 4 TOTAL SIZE 552.0KB AVG. SIZE 138.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

COLLATION EjercicioSesion6 SAVE SAMPLE MODE AUTO PREVIEW

\$match Output after \$match stage (Sample of 6 documents)

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

\$match Output after \$match stage (Sample of 6 documents)

```
1 /*  
2 * query: The query in MQL.  
3 */  
4 {  
5   "review_scores.review_scores_rating": {$gte: 88}  
6 }
```

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

```
1 /*  
2 * _id: The id of the group.  
3 * fields: The first field name.  
4 */  
5 {  
6   _id: null,  
7   Total: {  
8     $sum: 1  
9   }  
10 }
```

ADD STAGE