

Show list of all Databases

```
show dbs
```

Choose the DB to query

```
use spotifydb
```

Validate DB

```
db
```

List down all collections in the selected DB

```
show collections
```

Find all from Tracks Collections

```
db.Tracks.find({})
```

Find a specific track_id from the collections

```
db.Tracks.find({track_id: "2hETkH7cOfq mz3LqZDHZf5"})
```

Fetch records with album_name

```
db.Tracks.find({album_name: "Miss Perfumado"})
```

Fetch records with explicit == True

```
db.Tracks.find({explicit: True})
```

Find the top 10 most popular tracks:

```
db.Tracks.find({}, {"track_name": 1, "popularity": 1, "_id": 0}).sort({"popularity": -1}).limit(10)
```

Filter the Tracks Collection with Genre "worl-music" and sort track_genre in alphabetical order.

```
db.Tracks.find({track_genre: 'world-music'}).sort({track_genre:1})
```

Find the album with the most tracks:

```
db.Tracks.aggregate([ { $group: { _id: "$album_name", count: { $sum: 1 } } }, { $sort: { count: -1 } }, { $limit: 1 } ])
```

Find the maximum and minimum duration of tracks for each genre:

```
db.Tracks.aggregate([ { $group: { _id: "$track_genre", max_duration: { max : "duration_ms" }, min_duration: { min : "duration_ms" } } } ])
```

Partition the collections based on Track_Genre

```
db.tracks_genre.createIndex({track_genre:1})
```

```
db.tracks_genre.find({track_genre: "acoustic"})
```