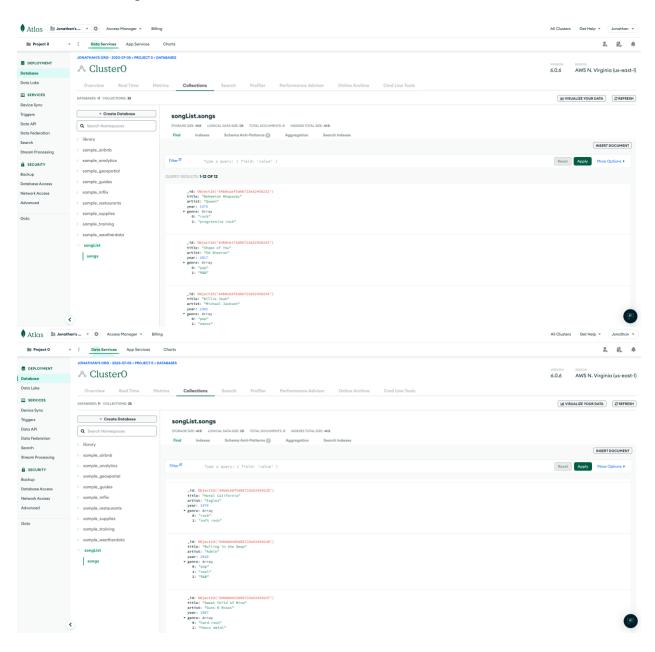
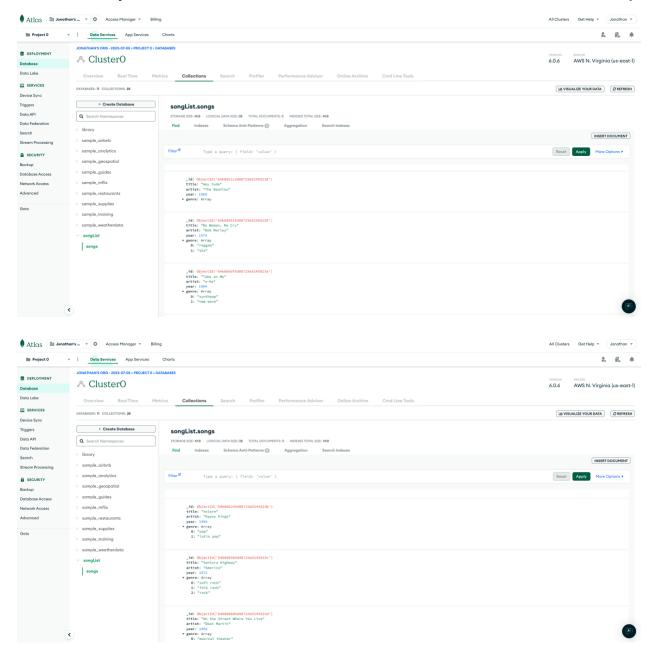
Part 1

All data in the songs collection



CS120: Web Programming Tufts University, Summer 2023

Jonathan Keusch Unit 3 PS2 NoSQL



2.

Select DB Show all collections in DB

Show all song titles (only) in DB

```
Atlas atlas-i47kex-shard-0 [primary] songList> db.songs.find({},{'title':1,'_id':0})
[
{ title: 'Bohemian Rhapsody' },
{ title: 'Shape of You' },
{ title: 'Billie Jean' },
{ title: 'Hotel California' },
{ title: 'Rolling in the Deep' },
{ title: 'Sweet Child of Mine' },
{ title: 'Hey Jude' },
{ title: 'Ho Woman, No Cry' },
{ title: 'Take on Me' },
{ title: 'Volare' },
{ title: 'Volare' },
{ title: 'Vontura Highway' },
{ title: 'On the Street Where You Live' }
]
Atlas atlas-i47kex-shard-0 [primary] songList>
```

Show all titles, artists, genres

```
Atlas atlas-i47kex-shard-0 [primary] songList> db.songs.find({},{'title':1,'artist':1,'genre':1,'_id':0})
    title: 'Bohemian Rhapsody',
    artist: 'Queen',
genre: [ 'rock', 'progressive rock' ]
    title: 'Shape of You',
    artist: 'Ed Sheeran',
genre: [ 'pop', 'R&B' ]
    title: 'Billie Jean',
artist: 'Michael Jackson',
genre: [ 'pop', 'dance', 'funk' ]
    title: 'Hotel California',
    artist: 'Eagles',
genre: [ 'rock', 'soft rock' ]
    title: 'Rolling in the Deep',
    artist: 'Adele',
genre: [ 'pop', 'soul', 'R&B' ]
    title: 'Sweet Child of Mine',
    artist: 'Guns N Roses',
genre: [ 'hard rock', 'heavy metal' ]
    title: 'Hey Jude',
artist: 'The Beatles',
    genre: [ 'rock', 'pop' ]
    title: 'No Woman, No Cry',
    artist: 'Bob Marley',
genre: [ 'reggae', 'ska' ]
     title: 'Take on Me',
     artist: 'a-Ha',
     genre: [ 'synthpop', 'new wave' ]
     title: 'Volare',
     artist: 'Gypsy Kings',
     genre: [ 'pop', 'latin pop' ]
  },
     title: 'Ventura Highway',
     artist: 'America',
     genre: [ 'soft rock', 'folk rock', 'rock' ]
  },
     title: 'On the Street Where You Live',
     artist: 'Dean Martin',
     genre: [ 'musical theater' ]
Atlas atlas-i47kex-shard-0 [primary] songList>
```

Show all titles of a particular genre:

```
Atlas atlas-i47kex-shard-0 [primary] songList> db.songs.find({genre:'rock'},{title:1,_id:0});

{ title: 'Bohemian Rhapsody' },
 { title: 'Hotel California' },
 { title: 'Hey Jude' },
 { title: 'Ventura Highway' }

]

[Atlas atlas-i47kex-shard-0 [primary] songList> db.songs.find({genre:'pop'},{title:1,_id:0});

[ { title: 'Shape of You' },
 { title: 'Billie Jean' },
 { title: 'Rolling in the Deep' },
 { title: 'Hey Jude' },
 { title: 'Volare' }

]

[Atlas atlas-i47kex-shard-0 [primary] songList> db.songs.find({genre:'R&B'},{title:1,_id:0});
 [ { title: 'Shape of You' }, { title: 'Rolling in the Deep' } ]

Atlas atlas-i47kex-shard-0 [primary] songList> |

[Atlas atlas-i47kex-shard-0 [primary] songList> |

[Atlas
```