

Comments Collections Query Output

```
pythonProject com MongoDB_Project Comments_Queries.py
Run: Comments_Queries x
/Users/pulkitgupta/code/PycharmProjects/pythonProject/venv/bin/python /Users/pulkitgupta/code/PycharmProjects/pythonProject/com/MongoDB_Project/Comments_Queries.py
Top 10 users who made the maximum number of comments are-

{'_id': {'name': 'Mace Tyrell'}, 'total_comments': 331}
{'_id': {'name': 'Missandei'}, 'total_comments': 327}
{'_id': {'name': 'The High Sparrow'}, 'total_comments': 315}
{'_id': {'name': 'Sansa Stark'}, 'total_comments': 308}
{'_id': {'name': 'Rodrik Cassel'}, 'total_comments': 305}
{'_id': {'name': 'Thoros of Myr'}, 'total_comments': 304}
{'_id': {'name': 'Robert Jordan'}, 'total_comments': 304}
{'_id': {'name': 'Brienne of Tarth'}, 'total_comments': 302}
{'_id': {'name': 'Catherine Romero'}, 'total_comments': 296}
{'_id': {'name': 'Andrea Le'}, 'total_comments': 296}

Top 10 movies with most comments are-

{'_id': {'name': {'$oid': '573a13bff29313caabd5e91e'}}, 'total_comments': 161}
{'_id': {'name': {'$oid': '573a13a3f29313caabd8d1e3'}}, 'total_comments': 158}
{'_id': {'name': {'$oid': '573a13b3f29313caabd3b647'}}, 'total_comments': 158}
{'_id': {'name': {'$oid': '573a13a5f29313caabd159a9'}}, 'total_comments': 158}
{'_id': {'name': {'$oid': '573a13abf29313caabd25582'}}, 'total_comments': 158}
{'_id': {'name': {'$oid': '573a13bcf29313caabd57db6'}}, 'total_comments': 157}
{'_id': {'name': {'$oid': '573a139bf29313caabcf3a45'}}, 'total_comments': 157}
{'_id': {'name': {'$oid': '573a13b0f29313caabd3505e'}}, 'total_comments': 155}
{'_id': {'name': {'$oid': '573a13acf29313caabd289b3'}}, 'total_comments': 154}
{'_id': {'name': {'$oid': '573a13a8f29313caabd05ae1'}}, 'total_comments': 154}

In 2000 year the number of comments created in each months are-

{'_id': {'year': 2000, 'month': 1}, 'total_comment': 82}
{'_id': {'year': 2000, 'month': 2}, 'total_comment': 88}
{'_id': {'year': 2000, 'month': 3}, 'total_comment': 95}
{'_id': {'year': 2000, 'month': 4}, 'total_comment': 84}
{'_id': {'year': 2000, 'month': 5}, 'total_comment': 86}
{'_id': {'year': 2000, 'month': 6}, 'total_comment': 95}

Version Control TODO Problems Python Packages Python Console Terminal
Unused import statement 'from bson import ObjectId' 45:1 LF UTF-8 4 spaces Python 3.11 (pythonProject)
```

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{'_id': {'year': 2000, 'month': 5}, 'total_comment': 86}
{'_id': {'year': 2000, 'month': 6}, 'total_comment': 95}
{'_id': {'year': 2000, 'month': 7}, 'total_comment': 74}
{'_id': {'year': 2000, 'month': 8}, 'total_comment': 96}
{'_id': {'year': 2000, 'month': 9}, 'total_comment': 76}
{'_id': {'year': 2000, 'month': 10}, 'total_comment': 91}
{'_id': {'year': 2000, 'month': 11}, 'total_comment': 87}
{'_id': {'year': 2000, 'month': 12}, 'total_comment': 108}

Process finished with exit code 0

Version Control TODO Problems Python Packages Python Console Terminal
Unused import statement 'from bson import ObjectId' 45:1 LF UTF-8 4 spaces Python 3.11 (pythonProject)
```

Movies Collections queries output

```
pythonProject com MongoDB_Project Movies.Queries.py
MongoDB.py DataUpload.py Comments.Queries.py Movies.Queries.py Theatre.Queries.py Data_Insert.py

Run: Movies.Queries
/Users/pulkitgupta/code/PycharmProjects/pythonProject/venv/bin/python /Users/pulkitgupta/code/PycharmProjects/pythonProject/com/MongoDB_Project/Movies.Queries.py

The top n movies -

With highest Imdb ratings are -

{'title': 'Heart of a Dog', 'imdb': {'rating': {'$numberInt': '9'}}}
{'title': 'The Marathon Family', 'imdb': {'rating': {'$numberInt': '9'}}}
{'title': 'I, Claudius', 'imdb': {'rating': {'$numberInt': '9'}}}

With highest Imdb rating in 2000 year are -

{'title': 'Hera Pheri', 'yr': '2000', 'rating': '8.5'}
{'title': 'Memento', 'yr': '2000', 'rating': '8.5'}
{'title': 'Gladiator', 'yr': '2000', 'rating': '8.5'}

With highest Imdb rating with number of votes greater than 1000 are -

{'title': 'Heart of a Dog', 'imdb': {'rating': {'$numberInt': '9'}}, 'vote': '3624'}
{'title': 'The Marathon Family', 'imdb': {'rating': {'$numberInt': '9'}}, 'vote': '9551'}
{'title': 'I, Claudius', 'imdb': {'rating': {'$numberInt': '9'}}, 'vote': '9513'}

With title matching a given pattern with highest tomatoes rating are -

{'title': 'My Good Enemy', 'tomatoes_Rating': {'$numberInt': '0'}, 'result': 'yes'}
{'title': 'Screams of Blasphemy', 'tomatoes_Rating': {'$numberInt': '0'}, 'result': 'yes'}
{'title': 'The Army of Shadows', 'tomatoes_Rating': {'$numberDouble': '4.4'}, 'result': 'yes'}

Top n directors -

Who created the maximum number of movies are -

{'_id': {'dir_name': 'Woody Allen'}, 'Movie_count': 40}
{'_id': {'dir_name': 'John Ford'}, 'Movie_count': 35}
{'_id': {'dir_name': 'John Huston'}, 'Movie_count': 34}
```

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Run: Movies.Queries

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{'_id': {'dir_name': 'John Ford'}, 'Movie_count': 35}
{'_id': {'dir_name': 'John Huston'}, 'Movie_count': 34}

Who created the maximum number of movies in 2000 are -

{'_id': {'director_name': 'Kar Wai Wong'}, 'count': 3}
{'_id': {'director_name': 'Joe Berlingen'}, 'count': 3}
{'_id': {'director_name': 'Robert Zemeckis'}, 'count': 3}

Who created the max number of movies for 'Comedy' and 'Drama' genres are -

{'_id': {'director_name': 'Federico Fellini'}, 'count': 9}
{'_id': {'director_name': 'Robert Altman'}, 'count': 7}
{'_id': {'director_name': 'Mike Leigh'}, 'count': 7}

Top n actors -

Who starred in the maximum number of movies are -

{'_id': 'Gérard Depardieu', 'count': 68}
{'_id': 'Robert De Niro', 'count': 60}
{'_id': 'Michael Caine', 'count': 53}

Who starred in the maximum number of movies in 2000 year are -

{'_id': {'actor_name': 'Mel Gibson'}, 'count': 5}
{'_id': {'actor_name': 'Kenneth Branagh'}, 'count': 5}
{'_id': {'actor_name': 'John Goodman'}, 'count': 5}

Who starred the maximum number of movies in Comedy and Drama are -

{'_id': {'actor_name': ['Federico Fellini']}, 'count': 36}
```

```
pythonProject com MongoDB_Project Movies.Queries.py
MongoDB.py DataUpload.py Comments.Queries.py Movies.Queries.py Theatre.Queries.py Data_Insert.py

Run: Movies.Queries

Who starred the maximum number of movies in Comedy and Drama are -

{'_id': {'actor_name': ['Federico Fellini']], 'count': 36}
{'_id': {'actor_name': ['Robert Altman']], 'count': 28}
{'_id': {'actor_name': ['Mike Leigh']], 'count': 28}

Top n movies for each genre are -

{'_id': 'Comedy', 'Movies': ['The Marathon Family', 'Heart of a Dog', 'The Chaos Class Failed the Class'], 'ratings': ['9.2', '8.9', '8.9']}
{'_id': 'Drama', 'Movies': ['I, Claudius', 'The Marathon Family', 'Heart of a Dog'], 'ratings': ['9.6', '9.3', '9.3']}
{'_id': 'Film-Noir', 'Movies': ['Angels with Dirty Faces', 'Mildred Pierce', 'In a Lonely Place'], 'ratings': ['8.5', '8.4', '8.3']}
{'_id': 'Sport', 'Movies': ['Olympia Part Two: Festival of Beauty', 'Tokyo Olympiad', 'When We Were Kings'], 'ratings': ['9.1', '8.6', '8.4']}
{'_id': 'Western', 'Movies': ['The Searchers', 'The New Land', 'Dances with Wolves'], 'ratings': ['8.9', '8.8', '8.6']}
{'_id': 'Horror', 'Movies': ['Nosferatu', 'Nosferatu', 'Frankenstein'], 'ratings': ['8.7', '8.6', '8.6']}
{'_id': 'Family', 'Movies': ['Seven Chances', 'Captains Courageous', 'The Count Jester'], 'ratings': ['9.4', '8.8', '8.6']}
{'_id': 'Documentary', 'Movies': ['Prerokbe Ognja', 'The Private Life of Plants', 'The War'], 'ratings': ['9.5', '9.4', '9.4']}
{'_id': 'Animation', 'Movies': ['Death Note', 'The King and the Mockingbird', 'Tale of Tales'], 'ratings': ['9.2', '8.7', '8.6']}
{'_id': 'Fantasy', 'Movies': ['King Kong', 'Beauty and the Beast', 'Kwaidan'], 'ratings': ['8.9', '8.9', '8.8']}
{'_id': 'Mystery', 'Movies': ['The Lady Vanishes', 'In a Lonely Place', 'L'Avventura'], 'ratings': ['8.8', '8.7', '8.6']}
{'_id': 'Adventure', 'Movies': ['King Kong', 'Captains Courageous', 'The Adventures of Robin Hood'], 'ratings': ['9.2', '8.9', '8.9']}
{'_id': 'Biography', 'Movies': ['Spartacus', 'Becket', 'Seven Up!'], 'ratings': ['9.4', '8.9', '8.8']}
{'_id': 'Music', 'Movies': ['Prerokbe Ognja', 'Cleo from 5 to 7', 'Dont Look Back'], 'ratings': ['8.9', '8.8', '8.8']}
{'_id': 'History', 'Movies': ['I, Claudius', 'Intolerance: Love's Struggle Throughout the Ages', 'Battleship Potemkin'], 'ratings': ['9.6', '9.4', '9.4']}
{'_id': 'Romance', 'Movies': ['North & South', 'Seven Chances', 'Pandora's Box'], 'ratings': ['9.1', '8.8', '8.8']}
{'_id': 'Musical', 'Movies': ['Duck Soup', 'Awaara', 'Mother India'], 'ratings': ['8.7', '8.6', '8.5']}
{'_id': 'Talk-Show', 'Movies': ['The Late Shift'], 'ratings': []}
{'_id': 'Thriller', 'Movies': ['The Lady Vanishes', 'Shadow of a Doubt', 'Rope'], 'ratings': ['8.9', '8.7', '8.6']}
{'_id': 'War', 'Movies': ['The War', 'Battleship Potemkin', 'Duck Soup'], 'ratings': ['9.4', '9.4', '8.8']}
{'_id': 'News', 'Movies': ['Burma VJ: Reporter i et lukket land', 'The Lottery', 'Most Likely to Succeed'], 'ratings': ['8.9', '8.8', '8.5']}
{'_id': 'Sci-Fi', 'Movies': ['Heart of a Dog', 'Frankenstein', 'The Face of Another'], 'ratings': ['8.8', '8.7', '8.7']}
{'_id': 'Short', 'Movies': ['Meshes of the Afternoon', 'Seven Up!', 'Simon of the Desert'], 'ratings': ['8.7', '8.6', '8.6']}
{'_id': 'Crime', 'Movies': ['The Dark Knight', 'Death Note', 'Pandora's Box'], 'ratings': ['9.3', '9.3', '9.2']}
{'_id': 'Action', 'Movies': ['The Dark Knight', 'Steamboat Bill, Jr.', 'The Adventures of Robin Hood'], 'ratings': ['9.6', '9.3', '8.9']}
```

Theatres Collections queries output

```
pythonProject com MongoDB_Project Theatre.Queries.py
MongoDB.py DataUpload.py Comments.Queries.py Movies.Queries.py Theatre.Queries.py Data_Insert.py

Run: Theatre.Queries

/Users/pulkitgupta/code/PycharmProjects/pythonProject/venv/bin/python /Users/pulkitgupta/code/PycharmProjects/pythonProject/com/MongoDB_Project/Theatre.Queries.py
Top 10 cities with maximum number of theatres are -

{'_id': 'Las Vegas', 'count': 29}
{'_id': 'Houston', 'count': 22}
{'_id': 'San Antonio', 'count': 14}
{'_id': 'Orlando', 'count': 13}
{'_id': 'Dallas', 'count': 12}
{'_id': 'Los Angeles', 'count': 12}
{'_id': 'Atlanta', 'count': 10}
{'_id': 'San Francisco', 'count': 9}
{'_id': 'Jacksonville', 'count': 9}
{'_id': 'Chcago', 'count': 8}

Top 10 theatres nearby [-122.51875, 37.966579] coordinates are -

{'location': {'address': {'city': 'San Rafael'}, 'geo': {'coordinates': [-122.51875, 37.966579]}}}
{'location': {'address': {'city': 'Pinole'}, 'geo': {'coordinates': [-122.38667, 37.998162]}}}
{'location': {'address': {'city': 'San Francisco'}, 'geo': {'coordinates': [-122.44782, 37.782257]}}}
{'location': {'address': {'city': 'San Francisco'}, 'geo': {'coordinates': [-122.4416, 37.768921]}}}
{'location': {'address': {'city': 'Oakland'}, 'geo': {'coordinates': [-122.28633, 37.827579]}}}
{'location': {'address': {'city': 'Colma'}, 'geo': {'coordinates': [-122.46246, 37.677597]}}}
{'location': {'address': {'city': 'Vallejo'}, 'geo': {'coordinates': [-122.2129, 38.136486]}}}
{'location': {'address': {'city': 'Daly City'}, 'geo': {'coordinates': [-122.469228, 37.669284]}}}
{'location': {'address': {'city': 'San Francisco'}, 'geo': {'coordinates': [-122.404346, 37.646615]}}}
{'location': {'address': {'city': 'San Francisco'}, 'geo': {'coordinates': [-122.404346, 37.646615]}}}

Process finished with exit code 0
```