

Redis query performance:

**1.Retrieve movie titles along with their directors' names**

- The query response time with Python: 19.161541166948155
- The query response time with Python-Redis Pipeline: 8.629692959133536
- The query response time with Python Lua: **1.1421879162080586**

**2.Retrieve movie titles released in a specific year and genre (1965, Drama)**

- The query response time with Python: 7.149016624782234
- The query response time with Python-Redis pipeline: 1.4251814999151975
- The query response time with Python Lua: **0.1918125411029905**

**3.Find the average runtime of movies by genre (Romance)**

- The query response time with Python: 6.639284791890532
- The query response time with Python Lua: **0.26032512495294213**

**4. Find the average runtime of adult movies with a specific genre(Drama)**

- The query response time with Python: 7.654771625064313
- The query response time with Python Lua: **0.4826057499740273**

**5. List top-rated directors along with their average movie ratings**

- The query response time with Python:16.518211875110865
- The query response time with Python Lua: **1.4676343339961022**

**6. Find the decade with the highest average movie rating**

- The query response time with Python: 6.573436708189547
- The query response time with Python Lua: **0.27304825000464916**

**7. Find the average rating of movies released in the last five years grouped by genre**

- The query response time with Python: 7.020093708997592
- The query response time with Python Lua: **0.26458620792254806**

**8. Find the top 10 most voted TV series with episodes longer than 30 minutes**

- The query response time with Python: 7.38198645808734
- The query response time with Python Lua: **0.6231146659702063**

**9.Given a movie title, update numOfVotes for that movie**

- The query response time with Python: 5.107260708929971
- The query response time with Python Lua: **0.6598723330534995**