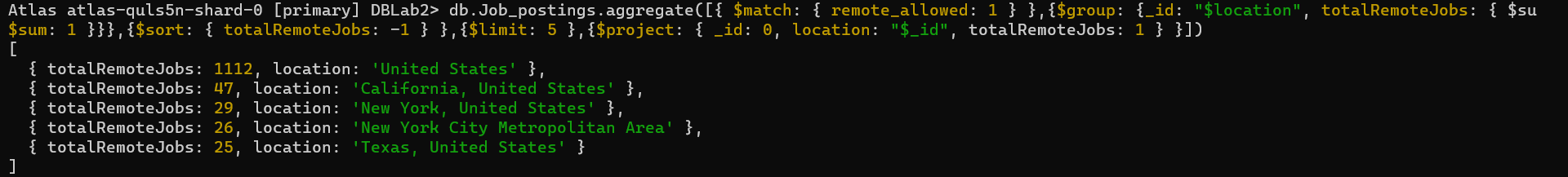
**1.** **Locations with the Highest Number of Remote Work Opportunities**

db.Job\_postings.aggregate([{ $match: { remote\_allowed: 1 } },{$group: {\_id: "$location", totalRemoteJobs: { $sum: 1 }}},{$sort: { totalRemoteJobs: -1 } },{$limit: 5 },{$project: { \_id: 0, location: "$\_id", totalRemoteJobs: 1 } }])

Output screenshot is given below-



**2. Top 5 Job Titles with highest average salary.**

db.Job\_postings.aggregate([{$group: {\_id: "$title",jobIds: { $push: "$job\_id" },averageSalary: { $avg: { $avg: ["$salary\_details.min\_salary", "$salary\_details.max\_salary"] } },totalPostings: { $sum: 1 }}},{ $sort: { averageSalary: -1 } }, { $limit: 5 },{ $project: { \_id: 0, jobTitle: "$\_id", jobIds: 1, averageSalary: 1}}])

A screenshot of a computer

Description automatically generated

**3.** **Top 5 Locations with the Sponsored Job Postings-**

db.Job\_postings.aggregate([{ $match: { sponsored: 1 } },{$group: {\_id: "$location", total\_sponsored\_jobs: { $sum: 1 }}},{$sort: { total\_sponsored\_jobs: -1 } },{$limit: 5 }, {$project: { \_id: 0, location: "$\_id", total\_sponsored\_jobs: 1 } }])

A black screen with yellow and white text

Description automatically generated

**4**. **Job posting with maximum no. of views and total number of applications**.

db.Job\_postings.aggregate([{$group: {\_id: "$job\_id",title: { $first: "$title" },total\_views: { $max: "$views" },

total\_applications: { $sum: "$applies" }}},{ $sort: { total\_views: -1 } },{ $limit: 5 }])

A screen shot of a computer

Description automatically generated

**5.Company with highest employee count where specialities is “analytics”**

db.Companies.aggregate([{$match: { "specialities": "analytics" } },{$sort: { "employee\_counts": -1 }},{

$limit: 1},{$project: {\_id: 0,company\_name: "$name",company\_size: "$company\_size",employeeCount: "$employee\_counts"}}])

A black screen with white text

Description automatically generated