



Course Overview



View Discussion

Chapter 4: CRUD Optimization

Lab 4.2: Aggregation Performance

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The reason that the aggregation query failed is because an in-memory sort is necessary to satisfy the aggregation query, and that in-memory sort uses more than 100MB of memory.

To resolve the issue you can create an index on the field that it sorts on, stars, like so:

```
db.restaurants.createIndex({ stars: 1 })
```

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Other indexes could also be used like `db.restaurants.createIndex({ stars: 1, cuisine: 1 })` however, if we are looking for most effective index to support our aggregation command, `{ stars: 1 }` is the optimal option.

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