

## NOSQL Implementation

```
> db.performances.aggregate([{$group: { _id: "$player_id", total_runs: { $sum: "$Runs_Scored" } }}, { $sort: { total_runs: -1 }},{ $project: { _id: 1, total_runs: 1}}])
< {
  _id: 1192,
  total_runs: 730
}
{
  _id: 1051,
  total_runs: 680
}
{
  _id: 1189,
  total_runs: 639
}
{
  _id: 1167,
  total_runs: 625
}
```

This query gives the number of runs scored by players in the season of IPL 2023.

```
db.performances.aggregate([{$group: { _id: "$player_id", total_wickets: { $sum: "$Wickets Taken" } }}, { $sort: { total_wickets: -1 }},{ $project: { _id: 1, total_wickets: 1}}])
{
  _id: 1081,
  total_wickets: 21
}
{
  _id: 1137,
  total_wickets: 19
}
{
  _id: 1060,
  total_wickets: 18
}
{
  _id: 1191,
  total_wickets: 17
}
```

This query gives the number of wickets taken by players in the season of IPL 2023.

```
db.nationalities.aggregate([ { $group: { _id: "$Nationality_Type", count: { $sum: 1 } } }])
{
  _id: 'Indian',
  count: 157
}
{
  _id: 'Overseas',
  count: 78
}
```

This query gives the distribution of the players according to their nationality in the database.