



The 6 Pipelines

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- Query 10 top players by ranking;

```
[{
  $project: {
    _id: 0,
    name: 1,
    ranking: 1
  }
}, {
  $sort: {
    ranking: -1
  }
}, {
  $limit: 10
}, {
  $out: '10_top_players_by_rank'
}]
```



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- List the players who were “Man of the match” more than 5 times;

```
[{
  $project: {
    _id: 0,
    name: 1,
    isManOfTheMatch: 1,
    manOfTheMatch: 1
  }
}, {
  $match: {
    manOfTheMatch: {
      $gt: 5
    }
  }
}, {
  $out: 'PlayersManOfMatch>5'
}]
```



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- Retrieve 20 youngest players, who scored 7 or more goals;

```
[[  
  $project: {  
    _id: 0,  
    name: 1,  
    goal: 1,  
    age: 1  
  }  
], {  
  $match: {  
    goal: {  
      $gte: 7  
    }  
  }  
}, {  
  $sort: {  
    age: 1  
  }  
}, {  
  $limit: 20  
}, {  
  $out: '20YoungestPlayersWithscored>=7goals'  
}]
```



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- Retrieve how many yellow cards forwards received per team;

```
[{
  $project: {
    _id: 0,
    positionText: 1,
    teamName: 1,
    yellowCard: 1
  }
}, {
  $match: {
    positionText: 'Forward'
  }
}, {
  $group: {
    _id: '$teamName',
    totalNO_ineachteam: {
      $sum: 1
    },
    num_yellowCard: {
      $sum: '$yellowCard'
    }
  }
}, {
  $out: 'YellowCardsForwards_perTeam'
}]
```



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- Count the number of goals by position per team;

```
[[
  $project: {
    _id: 0,
    positionText: 1,
    teamName: 1,
    goal: 1
  }
], {
  $group: {
    _id: {
      team: '$teamName',
      Player_position: '$positionText'
    },
    goals: {
      $sum: '$goal'
    }
  }
}, {
  $out: 'CountNOgoalsPosition_perTeam;'
}]
```




The 6 Pipelines

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- Any query of your choice_How many players in every original country, and belong in any team region

```
[{
  $project: {
    _id: 0,
    originCountry: 1,
    name: 1,
    teamRegionName: 1
  }
}, {
  $group: {
    _id: {
      playersCountry: '$originCountry',
      teamCountry: '$teamRegionName'
    },
    numOfplayers: {
      $sum: 1
    }
  }
}, {
  $sort: {
    numOfplayers: -1
  }
}, {
  $out: 'playersInEachCountryWhatTeamRegion'
}]
```