

```
  _id: ObjectId('65b82f4a81bacd4b2e4dccbd')
  color: "Blue"
  ▼ quarters: Array
    ▼ 0: Object
      quarter: 1
      quantity: 230
    ▼ 1: Object
      quarter: 2
      quantity: 452
    ▼ 2: Object
      quarter: 3
      quantity: 6351
    ▼ 3: Object
      quarter: 4
      quantity: 5280
```

```
  _id: ObjectId('65b82faa81bacd4b2e4dccbf')
  color: "Silver"
  ▼ quarters: Array
    ▼ 0: Object
      quarter: 1
      quantity: 814
    ▼ 1: Object
      quarter: 2
      quantity: 1039
    ▼ 2: Object
      quarter: 3
      quantity: 5788
    ▼ 3: Object
      quarter: 4
      quantity: 4511
```



```
  _id: ObjectId('65c3d839d25ab5aac9298725')
  color: "Red"
  ▼ quarters: Array
    ▼ 0: Object
      quarter: 1
      quantity: 2453
    ▼ 1: Object
      quarter: 2
      quantity: 3486
    ▼ 2: Object
      quarter: 3
      quantity: 1535
    ▼ 3: Object
      quarter: 4
      quantity: 1250
```

Aggregation Pipeline:

▼ Stage 1 ☒

```
1 ▼ /**
2   * query: The query in MQL.
3   */
4 ▼ {
5   "color": "Blue"
6 }
```

Output after [\\$match](#) stage (Sample of 1 document)

```
{
  "_id": ObjectId('65b82f4a81bacd4b2e4dccbd'),
  "color": "Blue",
  "quarters": [
    {
      "quarter": 1,
      "quantity": 230
    },
    {
      "quarter": 2,
      "quantity": 452
    }
  ]
}
```

▼ Stage 2 ☒

```
1 ▼ /**
2   * path: Path to the array field.
3   * includeArrayIndex: Optional name for in
4   * preserveNullAndEmptyArrays: Optional
5   * toggle to unwind null and empty value
6   */
7 ▼ {
8   path: "$quarters",
9
10 }
```

Output after [\\$unwind](#) stage (Sample of 4 documents)

```
{
  "_id": ObjectId('65b82f4a81bacd4b2e4dccbd'),
  "color": "Blue",
  "quarters": {
    "quarter": 1,
    "quantity": 230
  }
}
```

```
{
  "_id": ObjectId('65b82f4a81bacd4b2e4dccbd'),
  "color": "Blue",
  "quarters": {
    "quarter": 2,
    "quantity": 452
  }
}
```

▼ Stage 3 ☒

```
1 ▼ /**
2   * _id: The id of the group.
3   * fieldN: The first field name.
4   */
5 ▼ {
6   _id: "$color",
7   averageSoldQuantity: {
8     $avg: "$quarters.quantity"
9   }
10 }
```

Output after [\\$group](#) stage (Sample of 1 document)

```
{
  "_id": "Blue",
  "averageSoldQuantity": 3078.25
}
```