Average Sale Per Day  
[

{

$project: {

\_id: 0,

day: {

$dateToString: {

format: "%Y-%m-%d",

date: "$SaleTimestamp"

}

},

Quantity: 1

}

},

{

$group: {

\_id: "$day",

totalSalesByDay: {

$sum: "$Quantity"

}

}

},

{

$group: {

\_id: null,

uniqueDays: {

$sum: 1

},

totalSales: {

$sum: "$totalSalesByDay"

}

}

},

{

$project: {

uniqueDays: 1,

totalSales: 1,

averageSalesPerDay: {

$round: [

{

$divide: [

"$totalSales",

"$uniqueDays"

]

},

0

]

}

}

}

]

Sale By Data  
[

{

$group: {

\_id: {

$dateToString: {

format: "%Y-%m-%d",

date: "$SaleTimestamp"

}

},

totalSalesByDollar: {

$sum: "$Price"

},

numberOfSales: {

$sum: 1

}

}

},

{

$sort: {

\_id: 1

}

}

]

Top 5 Products  
[

{

$group: {

\_id: "$ProductName",

totalQuantitySold: {

$sum: "$Quantity"

}

}

},

{

$sort: {

totalQuantitySold: -1

}

},

{

$limit: 5

}

]

Top Selling Products  
[

{

$group: {

\_id: "$ProductName",

TotalSold: {

$sum: "$Quantity"

}

}

},

{

$sort: {

TotalSold: -1

}

},

{

$limit: 5

}

]

Total Sales Per Category  
[

{

$group: {

\_id: "$Category",

TotalSold: {

$sum: "$Quantity"

},

TotalRevenue: {

$sum: {

$multiply: ["$Quantity", "$Price"]

}

}

}

}

]