db.Employee.insertMany([ { Name: { FName: "John", LName: "Doe" }, CompanyName: "TCS", Salary: 50000, Designation: "Developer", Age: 28, Expertise: ["JavaScript", "MongoDB"], DOB: "1995-05-15", Email: "johndoe@example.com", Contact: "1234567890", Address: [{ PAddr: "123 Main St", LAddr: "456 Side St" }] }, // More documents can be added similarly ]);

// Aggregation Example

// 1. Calculate total salary per company

db.Employee.aggregate([

{ $group: { \_id: "$CompanyName", totalSalary: { $sum: "$Salary" } } }

]);

// 2. Display total salary for company "TCS"

db.Employee.aggregate([

{ $match: { CompanyName: "TCS" } },

{ $group: { \_id: "$CompanyName", totalSalary: { $sum: "$Salary" } } }

]);

// 3. Return average salary for employees in "Pune"

db.Employee.aggregate([

{ $match: { "Address.city": "Pune" } },

{ $group: { \_id: null, avgSalary: { $avg: "$Salary" } } }

]);

// 4. Display count of employees in "Pune"

db.Employee.aggregate([

{ $match: { "Address.city": "Pune" } },

{ $count: "totalEmployees" }

]);

// 5. Count employees in "Pune" with age > 40

db.Employee.aggregate([

{ $match: { "Address.city": "Pune", Age: { $gt: 40 } } },

{ $count: "totalEmployees" }

]);