# MongoDB Aggregation Documentation

## users Collection

Aggregation 1: Count users by role  
Pipeline: db.users.aggregate([{$group: {\_id: '$role', count: {$sum: 1}}}])

Purpose: To find the number of users in each role.

## projects Collection

Aggregation 1: Count projects by status  
Pipeline: db.projects.aggregate([{$group: {\_id: '$status', total: {$sum: 1}}}])

Purpose: To analyze project distribution by status.

## mentorships Collection

Aggregation 1: Count mentorships by status  
Pipeline: db.mentorships.aggregate([{$group: {\_id: '$status', total: {$sum: 1}}}])

Purpose: To monitor ongoing vs completed mentorships.