08강 - Group 관련 함수 사용하기

**1. 샘플 데이터 입력**

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| db.getCollection('board2').insert(  [  {  title: 'MongoDB Overview',  description: 'MongoDB is no sql database',  by\_user: 'tutorials point',  url: 'http://www.tutorialspoint.com',  tags: ['mongodb', 'database', 'NoSQL'],  likes: 100  },  {  title: 'NoSQL Overview',  description: 'No sql database is very fast',  by\_user: 'tutorials point',  url: 'http://www.tutorialspoint.com',  tags: ['mongodb', 'database', 'NoSQL'],  likes: 10  },  {  title: 'Neo4j Overview',  description: 'Neo4j is no sql database',  by\_user: 'Neo4j',  url: 'http://www.neo4j.com',  tags: ['neo4j', 'database', 'NoSQL'],  likes: 750  }  ]  ) |

**2. Group Count 구하기**

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| db.board2.aggregate([ { $group : {\_id : "$by\_user", count  : {$sum : 1} } }] ) |

**3. Sum 구하기**

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| db.board2.aggregate([{ $group : {\_id : "$by\_user", sum  : {$sum : "$likes"} } }]) |

**4. Avg 구하기**

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| db.board2.aggregate([{ $group : {\_id : "$by\_user", avg : {$avg : "$likes"}} }]) |

**5. Min 구하기**

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| db.board2.aggregate([{$group : {\_id : "$by\_user", min : {$min : "$likes"}}}]) |

**6. Max 구하기**

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| db.board2.aggregate([{$group : {\_id : "$by\_user", max : {$max : "$likes"}}}]) |

**7. First 구하기**

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| db.board2.aggregate([{$group : {\_id : "$by\_user", first : {$first : "$likes"}}}]) |

**8. Last 구하기**

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| db.board2.aggregate([{$group : {\_id : "$by\_user", last : {$last : "$likes"}}}]) |