**Some useful Mongo Operators**

**$inc operator**

Increments the value of the field by the specified amount

User.update({ name: ’Joe’ }, { $inc: { postCount: 10 } })

**$set operator**

Sets the value of a field in a document.

User.update({ name: ‘Joe’ }, { $set: { postCount: 20 } })

**normal regex pattern**

User.find({ name: new RegExp( ‘Jo’, 'i' ) })

**$regex operator**

Selects documents where values match a specified regular expression.

User.find({ name: { $regex: ‘Jo’, $options: 'i' } })

**adding a where condition and select specific attributes**

User.find({ name: { $regex: name, $options:'i' } })

.where(name).equals(‘Joe’)

.select({ name: 1 })

**sort the results**

(1 to specify ascending order, -1 to specify descending order)

User.find({}).sort('-postedDate')

User.find({}).sort({ postedDate: -1 })

**aggregate $group**

Groups documents by some specified expression.

User.aggregate([{ $group: { \_id: "$name", avgCount: { $avg: "$postCount" } } }])

.sort('avgCount')

**$in operator**

Matches any of the values specified in an array.

User.find({ name: { $in: ['Joe','Alex'] } })