https://docs.mongodb.com/getting-started/shell/query/#specify-equality-conditions

https://docs.mongodb.com/v3.0/tutorial/project-fields-from-query-results/

https://docs.mongodb.com/manual/reference/method/db.collection.count/

https://docs.mongodb.com/manual/reference/operator/query/elemMatch/#op._S_elemMatch

(2b)

https://docs.mongodb.com/manual/mongo/

https://docs.mongodb.com/manual/reference/operator/query/size/

(2d)

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https://docs.mongodb.com/manual/reference/method/db.collection.aggregate/

https://docs.mongodb.com/manual/reference/operator/aggregation/project/

https://docs.mongodb.com/manual/reference/method/cursor.toArray/

(model2-2b)

https://docs.mongodb.com/manual/reference/operator/aggregation/unwind/ (Deconstructs an array field from the input documents to output a document for *each* element.)

https://docs.mongodb.com/manual/reference/operator/aggregation/group/ (Groups documents by some specified expression and outputs to the next stage a document for each distinct grouping.)

https://docs.mongodb.com/manual/reference/operator/aggregation/sum/ (Calculates and returns the sum of numeric values. $sum ignores non-numeric values.)

(model2-2c)