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Mongo DB HW

* How many emails were received on Sunday
  + db.gmail\_data.find({"payload.headers.value": /Sun/}).count()

🡪Result: 218

* Find people who has sent me the most emails and sort them in ascending order (i.e. person who sent me the most emails will be on the top)
  + db.gmail\_data.aggregate([  {$match: {"payload.headers.name": "From"}}  , {$group: {\_id: "$payload.headers.value", total: {$sum: 1}}} , {$sort: {total: -1}}])
  + Answer: private
* How many emails I received from the month of July to December

> var count = 0;

> db.gmail\_data.find().forEach(function(x){n=new ISODate(x.internalDate); if(n.getMonth() > 6) {count = count+1;}})

> count

🡪Result :787

* Find all the email whose size is > 3000.

> count = 0;

>db.gmail\_data.find().forEach(function(x){n=new String(x.sizeEstimate); if(n > 3000) {count = count+1;}})

> count

🡪 result: 1615

* Find emails by cs.rutgers.edu or title is cs336
  + db.gmail\_data.find({$or:[{"by":"cs.rutgers"},{"title": "CS336"}]}).pretty()