

```
C:\Program Files\MongoDB\Server\4.0\bin>mongoimport --db lab4 --collection Trees --type=csv --file E:\Trees.csv --headerline
2020-10-15T15:30:23.967+0530    connected to: localhost
2020-10-15T15:30:25.468+0530    imported 35978 documents
```

```
> use lab4
switched to db lab4
> show collections
Trees
> db.Trees.find()
{ "_id" : ObjectId("5f881db8e3647e8572a9ffd2"), "Tree_ID" : 1028, "Address" : "Turvey Grove, Donabate", "Town" : "Donabate Portra", "Tree_Species" : "ACPL",
Norway Maple", "Age_Desc" : "", "Height" : "5.1-10 metres", "Spread" : "3 to 6 metres", "Trunk" : "21cm to 30cm", "Actual_Trunk" : "27cm", "Condition" : "Go
{ "_id" : ObjectId("5f881db8e3647e8572a9ffd3"), "Tree_ID" : 4024, "Address" : "Glen Ellan Avenue, Swords", "Town" : "Swords North", "Tree_Species" : "SOAU",
Rowan (Mountain Ash)", "Age_Desc" : "Young", "Height" : "5.1-10 metres", "Spread" : "3 to 6 metres", "Trunk" : "11cm to 20cm", "Actual_Trunk" : "20cm", "Con
: -6.2282858061 }
```

```
> db.Trees.aggregate([{$group:{_id:null,sum_volume:{$sum:":Lat(ft^3)}}}])
{ "_id" : null, "sum_volume" : 0 }
> db.Trees.aggregate([{$group:{_id:null,sum_volume:{$sum:"$Lat"}}}])
{ "_id" : null, "sum_volume" : 1922534.2601881637 }
> db.Trees.aggregate([{$group:{_id : "Average height of trees",Average_height:{$avg:"$Lat"}}}])
{ "_id" : "Average height of trees", "Average_height" : 53.43638501829351 }
```