



SQL

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Aggregation

# SQL: Aggregation

```
select A1, A2, ..., An
From   R1, R2, ..., Rm
where  condition
```

“Aggregation” functions  
over values in multiple rows:  
**min, max, sum, avg, count**

```
Select A1, A2, ..., An  
From R1, R2, ..., Rm  
Where condition  
Group By columns  
Having condition
```

“Aggregation” functions  
over values in multiple rows:  
min, max, sum, avg, count

New clauses

Demo: simple college admissions database

College(cName, state, enrollment)

Student(sID, sName, GPA, sizeHS)

Apply(sID, cName, major, decision)