SQL

Data Modification Statements

Jennifer Widom

Inserting new data (2 methods)

```
Insert Into Table
   Values(A₁,A₂,…,Aₙ)
```
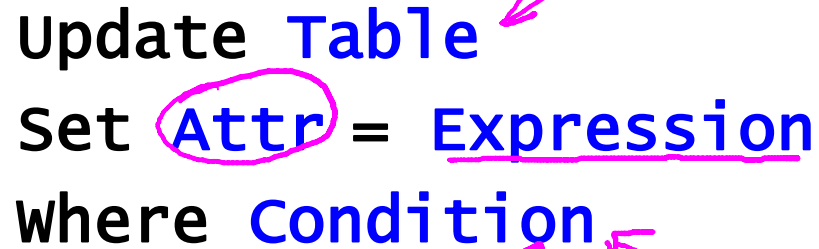
```
Insert Into Table
   Select-Statement
```

Deleting existing data

```
Delete From Table
Where Condition
```

Updating existing data

```
Update Table
Set Attr = Expression
Where Condition
```

Updating existing data

```
Update Table
Set A₁=Expr₁,A₂=Expr₂,…,Aₙ=Exprₙ
Where Condition
```

Demo: simple college admissions database

College(cName,state,enrollment)
Student(sID,sName,GPA,sizeHS)
Apply(sID,cName,major,decision)