

--Slicing

```
Select *  
from [User]  
where [type]='ADMIN';
```

--Roll up

```
SELECT u.[type], SUM(f.total_sales) AS total_sales, SUM(f.total_expense) AS  
    total_expense  
FROM fact_table f, [User] u  
WHERE f.user_id = u.user_id  
GROUP BY u.[type];
```

--Dicing:

```
SELECT u.*, l.*  
FROM [User] u,[Location] l  
WHERE u.user_id = l.location_id  
    AND u.[type] = 'admin'  
    AND l.state = 'CA';
```

--Drill-down

```
SELECT u.[type], l.city, t.[Quater],  
    SUM(f.total_sales) AS total_sales, SUM(f.total_expense) AS total_expense  
FROM fact_table f, [User] u, location l, time t  
WHERE f.user_id = u.user_id AND f.Location_id = l.Location_id AND f.Time_id =  
    t.Time_id  
GROUP BY u.[type], l.city, t.[Quater];
```