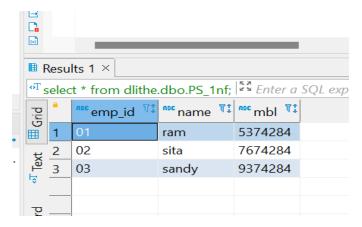
#### **NORMALIZATION**



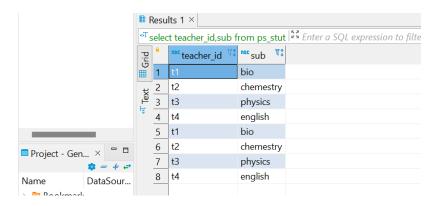
### 1NF

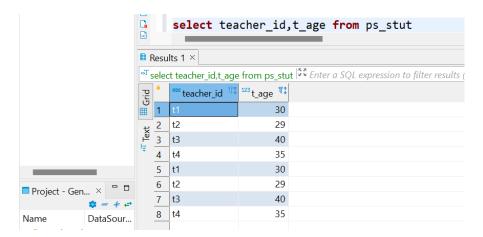


### FOR 2NF

```
create table ps_stut
n 🖺
        teacher_id varchar(100),
dc
        sub varchar(100),
  >_
        t_age int
       insert into ps_stut values('t1','bio',30),('t2','chemestry',29),('t3','physics',40),('t4','english',35)
  select * from ps_stut;
  ■ Results 1 ×
                                                                                                                                            ) V 🕭 🖫
  <sup>oT</sup> insert into ps_stut values('t1','bio',30),('t2','chemesl | <sup>5</sup>√√ Enter a SQL expression to filter results (use Ctrl+Space)
  noc.
         noc teacher_id T noc sub T 123 t_age T 1
                     bio
  2 t2
3 t3
                     chemestry
                                     29
                     physics
                                     40
    4 t4
                     english
                                     35
     5 t1
                     bio
                                     30
     6 t2
                     chemestry
                                     29
     7 t3
                     physics
                                     40
     8 t4
                     english
                                     35
```

## 2NF





### FOR 3NF

```
create table ps_stuts
           s_id varchar(100),
           sub varchar(100),
           s_fee int
         insert into ps_stuts values('s1','bio',2000),('s2','bio',2000),('s3','physics',4000),('t4','physics',4000)
         select * from ps_stuts
    oT select * from ps_stuts State a SQL expression to filter results (use Ctrl+Space)
1 s1
          asc s_id T; asc sub T; 123 s_fee T;
                             2,000
Sour... 2 s2 3 s3
                             2,000
                  physics
                             4,000
       4 t4
                             4,000
```

# **3NF**

