**题1：根据表1-订单表+表2-时间周期表，获得全国周度、全国月度、省份周度、省份月度的汇总用户数量、订单量、件数、GMV总额**

表1：订单表

表名：d01

字段：province（省）,user\_ID（用户账号）, ord\_id（订单id）, sale\_qtty（件数），gmv（订单金额），dt（日期分区举例：2020-01-01）

表2：时间表

表名：dim\_day

字段：dim\_date（日期 举例：2020-01-01），dim\_week\_id（周 例：202101）, dim\_month\_id（月 例：202101）

PS：dim\_week\_id解释：从每年的第一周开始的编号

**用户数量 订单量、件数、GMV总额**

**全国周度**

**Select count( user\_ID),count( ord\_id),count(sale\_qtty),sum(gmv)**

**from(Select \* from d01 inner join dim\_day on d01.dt=dim\_day.dim\_date)**

**group by dim\_week\_id;**

**全国月度**

**Select count( user\_ID),count(ord\_id),count(sale\_qtty) ,sum(gmv)**

**from(Select \* from d01 left join dim\_day on d01.dt=dim\_day.dim\_date)**

**group by dim\_month\_id;**

**省份周度**

**Select count(user\_ID),count( ord\_id),count(sale\_qtty),sum(gmv)**

**from(Select \* from d01 left join dim\_day on d01.dt=dim\_day.dim\_date)**

**group by province,dim\_week\_id;**

**省份月度**

**Select count( user\_ID),count( ord\_id),count(sale\_qtty),sum(gmv)**

**from(Select \* from d01 left join dim\_day on d01.dt=dim\_day.dim\_date)**

**group by province,dim\_month\_id;**

**省份周度用户数量 订单量、件数、GMV总额**

Select count(s1.user\_ID) count(s1.ord\_id) count(s1.sale\_qtty) sum(s1.gmv) from (Select \* from d01 left join dim\_day on d01.dt=dim\_day.dim\_date) as s1 group by s1.rovince,s1.dim\_week\_id;

**省份月度用户数量 订单量、件数、GMV总额**

Select count( user\_ID) count( ord\_id) count( sale\_qtty) sum(gmv) from s1 group by province,dim\_month\_id;

**全国周度用户数量 订单量、件数、GMV总额**

Select count( user\_ID) count( ord\_id) count( sale\_qtty) sum(gmv) from s1 group by dim\_week\_id;

**全国月度用户数量 订单量、件数、GMV总额**

Select count( user\_ID) count( ord\_id) count( sale\_qtty) sum(gmv) from s1 group by dim\_month\_id;

select s.sid,s.sname,count\_cid ,sum\_score from student as s

left join (select sid,count(cid) ,sum(score) from sc group by sid ) as sc

on s.sid = sc.sid;