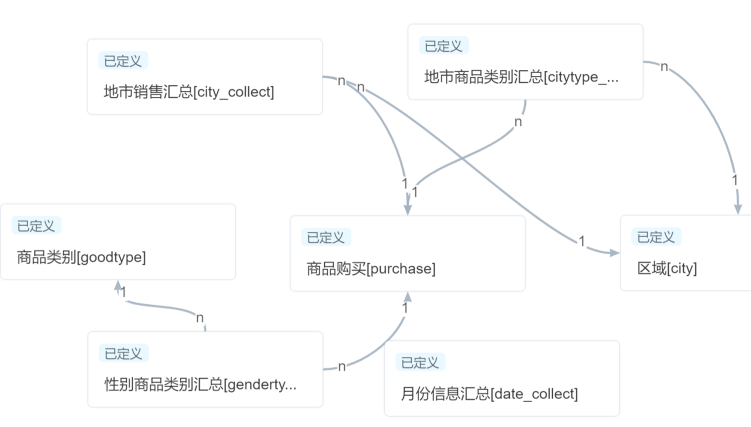
数据仓库物理模型



DWDM物理模型



根据月份查看销售数量和新注册数量

select a.month as month, COALESCE(price,0) as turnover,COALESCE(nums,0) from  
((select sum(cast(price as decimal))as price,purchase\_date as month from  
homework.purchase group by month)a  
left join  
(select count(\*) as nums,register\_date as month from homework.users group by  
month)b on a.month=b.month)  
union  
select b.month as month,COALESCE(price,0) as turnover,COALESCE(nums,0) from  
((select sum(cast(price as decimal))as price,purchase\_date as month from  
homework.purchase group by month)a  
right join  
(select count(\*) as nums,register\_date as month from homework.users group by  
month)b on a.month=b.month)

按月份查看收货地址销售数量

select sum(cast(price as decimal))as turnover,address\_name as address,purchase\_date as  
month from(  
homework.purchase a left join homework.address b on a.receive\_address=b.address\_code  
)group by month,b.address\_name

根据月份查看地址和商品类别的销售数量

select sum(cast(a.price as decimal))as turnover,address\_name as address,good\_name as  
goods,purchase\_date as month from(  
homework.purchase a left join homework.address b on a.receive\_address=b.address\_code left join  
homework.goods c on a.good\_id=c.good\_id  
)group by month,b.address\_name,goods

正则表达式对邮箱，年龄，手机号码检查



