

SQL第二期学习

--数据库表查询

```
--sql 2 study
/**/
select top 10 status,count(1)  from nsls.dbo.newegg_somaster with(nolock)
group by status

select top 10 shipViaCode,count(1)  from nsls.dbo.newegg_somaster with(nolock)
group by shipViaCode

select top 10 convert(char(8),sodate,112) as 'day',count(1) as total_count
  from nsls.dbo.newegg_somaster with(nolock)
group by convert(char(8),sodate,112)
order by count(1) desc
/*
1. --datepart(year,sodate)
2.30 --datepart(day,sodate)
3.1top 5  --datepart(dw,sodate)*/
--
select convert(char(8),getdate(),112)
select DATEPART(dw,getdate())
select datepart(day,getdate())
select datepart(year,getdate())
select datepart(month,getdate())
select month(getdate())
select day(getdate())
select datename(dw,getdate())
--
select top 10 convert(char(8),sodate,112) +datepart(hour,sodate) as 'day',count(1) as total_count
  from nsls.dbo.newegg_somaster with(nolock)
group by convert(char(8),sodate,112)
order by count(1) desc
--case when
/*OPC/VF/SBSNewegg_somastersplitflag,<80 >80<9A vf>9A seller*/
select
sum(case when splitflag >'00' and splitflag <'80' then 1 else 0 end) as opc_order,
sum(case when splitflag >'80' and splitflag <'9A' then 1 else 0 end) as vf_order,
sum(case when splitflag >'9A' then 1 else 0 end) as seller_order
from nsls.dbo.newegg_somaster with(nolock)
select top 10  count(1) from nsls.dbo.newegg_somaster  with(nolock)

--2
select
  case
    when splitflag >'00' and splitflag <'80' then 'opc'
  when splitflag >'80' and splitflag <'9A' then 'vf'
  when splitflag >'9A' then 'seller'
  else 'wh_exception'
  end as wh_type
  from nsls.dbo.newegg_somaster with(nolock)

) wh
group by wh_type

--
/*() OVER(partition by  order by )
row_number () over()
rank() over()*/
/*opc  wh 5item
1opc
2wh
3 - sum(qty)
45
*/
--OPCwh5item
select top 10 aa.warehousenumber,aa.itemnumber,aa.quantity,row_number() over(partition by aa.warehousenumber
```

```
order by aa.quantity
--
select top 10 from (
    select top 100 Chargecode from fedex.dbo.EDI_3PL_Billingcharge with(nolock) where chargeamount >0
) a
inner join(
    select top 100 chargecode from fedex.dbo.EDI_3PL_Billingcharge with(nolock) where chargamount <0
) b
on a.chargecode =b.chargecode
--
create table table1
(company char(10),
packageid int,
--
status nvarchar(10))
insert into table1(company,packageid,status)
values
('newegg',1,'A')
```