**Top price\_earning sub\_industries;**

select distinct GICS\_SUB\_INDUSTRY ,avg (price\_earnings)

from stock\_2018\_fact join company\_dim

on company\_dim.COMPANY\_KEY= stock\_2018\_fact.COMPANY\_KEY

where DATE\_KEY =TO\_DATE( '14/02/2018','DD-MM-YYYY')

group by GICS\_SUB\_INDUSTRY

order by avg (price\_earnings) ;

**Highest company counts sub\_industry;**

select GICS\_SUB\_INDUSTRY ,count (COMPANY\_KEY)

from company\_dim

group by GICS\_SUB\_INDUSTRY

order by count (COMPANY\_KEY) desc

**--- how are numberof shares for each comany?**

select c.company\_name,s.Market\_cap,s.price,trunc(Market\_cap/price) as shares\_number from

stock\_2018\_fact s, company\_dim c

where c.company\_key= s.company\_key;

**Rank Companies according to earning price in each sector in 2018**

Select company\_dim.company\_name , company\_dim.GICS\_SECTOR, stock\_2018\_fact.price\_earnings ,

rank() Over (partition by company\_dim.gics\_sector order by price\_earnings desc )as rnk

From company\_dim inner join stock\_2018\_fact on company\_dim.company\_key = stock\_2018\_fact.company\_key

**Tracking stock price according to Gold,Oil,inflation and Interest in 2013**

select sum(CLOSE) ,sum(GOLD\_PRICE) , sum(CRUDE\_OIL\_PRICE),sum(INFLATION\_CONSUMER\_PRICES),sum(REAL\_INTEREST\_RATE)

from YRLY\_STK\_GD\_OIL\_INF\_INT\_FACT , STOCK\_PRICE\_DAILY\_FACT

where YRLY\_STK\_GD\_OIL\_INF\_INT\_FACT.COMPANY\_KEY = STOCK\_PRICE\_DAILY\_FACT.COMPANY\_KEY

and STOCK\_PRICE\_DAILY\_FACT.DATE\_KEY = to\_date('2013','YYYY');

**some info abouts specific company**

select SECURITY , SYMPOL , GICS\_SECTOR , GICS\_SUB\_INDUSTRY , HEADQUARTERS\_LOCATION , FOUNDED , DIVIDEND\_YIELD , MARKET\_CAP

from COMPANY\_DIM , STOCK\_PRICE\_FACT

where COMPANY\_DIM.COMPANY\_KEY = STOCK\_PRICE\_FACT.COMPANY\_KEY

and COMPANY\_DIM.SYMPOL = 'AAL';

**Average open , close , low , high , volume per company yearly**

select company\_key , to\_char(date\_key ,'yyyy'), avg(close),avg(open), avg(high), avg(low),avg(volume)

from daily\_stock\_fact

group by company\_key , to\_char(date\_key ,'yyyy')

**Previous close, change , %change per stock**

select company\_key , DATE\_KEY ,close ,

LAG(CLOSE,1,CLOSE)OVER(partition by company\_key ORDER BY DATE\_KEY)AS PREV\_CLOSE

,CLOSE -(LAG(CLOSE,1,CLOSE)OVER(partition by company\_key ORDER BY DATE\_KEY))AS CHANGE

,(CLOSE -(LAG(CLOSE,1,CLOSE)OVER(partition by company\_key ORDER BY DATE\_KEY)))/

LAG(CLOSE,1,CLOSE)OVER(partition by company\_key ORDER BY DATE\_KEY)\*100 AS "% CHANGE"

from daily\_stock\_fact