--Report 9

select td.MONTH, sa.CITY, sa.country, fd.FLIGHT\_DESCRIPTION,

(sum(tf.total\_total\_paid) - sum(tf.total\_fare)) as "Total profit",

to\_char(sum(sum(tf.total\_total\_paid) - sum(tf.total\_fare)) over

(order by substr(td.time\_id,5,2) rows unbounded preceding),

'9,999,999,999.99') as "Cumulative Monthly Profit"

from

transaction\_fact tf, flight\_distance\_dim fd, time\_dim td,

source\_airport\_dim sa

where tf.SOURCE\_AIRPORT\_ID = sa.AIRPORTID

and tf.FLIGHT\_DISTANCE\_ID = fd.FLIGHT\_DITANCE\_ID

and tf.time\_ID = td.time\_ID

and td.YEARNUMBER = '2007'

and fd.FLIGHT\_DESCRIPTION = 'Small'

and sa.city = 'Sydney'

group by

td.MONTH, sa.CITY, sa.country,fd.FLIGHT\_DESCRIPTION,substr(td.time\_id,5,2);

--Report 10

select sub.MONTH as "Month",

sum(sub.TOTAL\_NUMBER\_\_TRANSACTIONS) as "Total Transactions",

to\_char(avg(sum(sub.TOTAL\_NUMBER\_\_TRANSACTIONS)) over

(order by sub.RepPeriod rows 2 preceding),

'9,999,999,999.99') as moving\_avg\_transactions

from (Select substr(td.time\_id,5,2) || td.YEARNUMBER as RepPeriod, td.MONTH, tf.TOTAL\_NUMBER\_\_TRANSACTIONS from transaction\_fact tf, time\_dim td, nationality\_dim nd

where

tf.time\_id = td.time\_id

and tf.natid = nd.natid

and nd.NATIONALITY = 'Australian'

and td.yearnumber = '2009') sub

group by

sub.MONTH,sub.RepPeriod ;

--Report 11

select substr(td.time\_id,5,2) || substr(td.time\_id,3,2) as RepPeriod, td.month, td.YEARNUMBER,

(sum(tf.total\_total\_paid) - sum(tf.total\_fare)) as "Total profit",

to\_char(sum(sum(tf.total\_total\_paid) - sum(tf.total\_fare)) over

( partition by td.YEARNUMBER order by td.YEARNUMBER desc rows unbounded preceding),

'9,999,999,999.99') as "Cumulative Monthly Profit"

from

transaction\_fact tf, flight\_distance\_dim fd,

source\_airport\_dim sa, TIME\_DIM td

where tf.SOURCE\_AIRPORT\_ID = sa.AIRPORTID

and tf.FLIGHT\_DISTANCE\_ID = fd.FLIGHT\_DITANCE\_ID

and td.time\_id = tf.time\_id

group by

substr(td.time\_id,5,2) || substr(td.time\_id,3,2),td.month,td.YEARNUMBER

order by td.YEARNUMBER, substr(td.time\_id,5,2) || substr(td.time\_id,3,2);

--Report 12

select sub.aln as airlines\_name, sub.sn as source\_name, sub.month as month\_name,sub.YEARNUMBER,

(sum(sub.total\_total\_paid)-sum(sub.TOTAL\_FARE)) as "Total Profit",

to\_char(avg(sum(sub.total\_total\_paid)-sum(sub.TOTAL\_FARE)) over

(partition by sub.aln, sub.sn order by sub.aln, sub.sn, sub.YEARNUMBER rows 2 preceding),

'9,999,999,999.99') as moving\_avg\_profit

from (Select td.YEARNUMBER || td.month as RepDate, ad.NAME as aln, sa.NAME sn, td.month, tf.total\_total\_paid, tf.TOTAL\_FARE, ad.airlineid, td.yearnumber

from transaction\_fact tf, time\_dim td, airline\_dim ad, SOURCE\_AIRPORT\_DIM sa

where

tf.time\_ID = td.time\_ID

and tf.airlineid = ad.airlineid

and sa.airportid = tf.SOURCE\_AIRPORT\_ID) sub

group by

sub.Month,sub.YEARNUMBER,sub.airlineid,sub.aln, sub.sn ;