

--Creating a View

```
CREATE VIEW AvgSessionLengthByMonth as
select dt.month month, avg(ses.sessionend-ses.sessionstart) avgsessionLength
from dw_branch_temp_fact fact, dw_time_dim dt, dw_session_dim ses
where dt.date_id =dt.date_id
and fact.sessionid=ses.sessionid
group by dt.month;
```

--Sessions by month by cover

```
select count(fact.sessionid),dt.month, ses.coverdescription
from dw_branch_temp_fact fact, dw_time_dim dt, dw_session_dim ses
where
fact.sessionid =ses.sessionid
AND fact.date_id =dt.date_id
Group by ses.coverdescription ,dt.month
```

--TempRequest by type of branch Cover By Week

```
select ses.coverdescription , dt.week , count(fact.temprequestid)
from dw_branch_temp_fact fact,
dw_session_dim ses,dw_temprequest_dim temp ,dw_time_dim dt
where
fact.temprequestid =temp.temprequestid
AND
fact.sessionid =ses.sessionid
AND fact.date_id =dt.date_id
Group by dt.week,ses.coverdescription ;
```

--TEMP REQUEST BY CONTY BY MONTH

```
select dim.county, dt.month, count(fact.temprequestid)
from dw_branch_temp_fact fact,
dw_bankbranch_dim dim,dw_temprequest_dim temp ,dw_time_dim dt
where
fact.temprequestid =temp.temprequestid
AND
fact.branchid =dim.branchid
AND fact.date_id =dt.date_id
Group by dt.month,dim.county ;
```

--TEMP REQUEST BY town BY week

```
select dim.town, dt.week, count(fact.temprequestid)
from dw_branch_temp_fact fact,
dw_bankbranch_dim dim,dw_temprequest_dim temp ,dw_time_dim dt
where
fact.temprequestid =temp.temprequestid
AND
fact.branchid =dim.branchid
AND fact.date_id =dt.date_id
Group by dt.week,dim.town ;
```

---Cancelled

```
select dt.month, count(fact.temprequestid)
from dw_branch_temp_fact fact,
dw_session_dim ses,dw_temprequest_dim temp ,dw_time_dim dt
where
fact.temprequestid =temp.temprequestid
```

AND

fact.sessionid =ses.sessionid

AND fact.date_id =dt.date_id

AND ses.status like '%cancelled%'

Group by dt.month ;

--dumping data to text file

SET HEADING OFF;

SET FEEDBACK OFF;

SET LINESIZE 1000;

SPOOL \\storage-stud\user-area\1\ms118\Desktop\DataWarehousing\TEMPREQUEST.txt;

SELECT * FROM temprequest;

SPOOL OFF;

---loading data from a text file

load data

infile 'TEMPREQUESTd.txt' "fix 11"

into table SELECT * FROM temprequest;

fields terminated by ',' optionally enclosed by ''