-- Create a new directory or use any existing directory

CREATE DIRECTORY <DIRECTORY\_NAME> AS '<DIRECTIRY PATH>';

--Grant read,write on directory to the oracle user

GRANT READ, WRITE ON DIRECTORY LOG\_DIR TO <USER>;

GRANT EXECUTE ON UTL\_FILE TO <USER>;

-- Execute the below block

-- Replace <DIRECTORY\_NAME> with the directory we created above

*DECLARE*

*CURSOR c\_data IS*

*select 'IDWWM' as filler,*

*username ,*

*program ,*

*client\_id ,*

*to\_char(sample\_time,'dd-mm-yyyy hh24:mi:ss') as starttime,*

*CPU\_TIME\_DELTA/1000000 as CPUTime,*

*(DISK\_READS\_DELTA + DIRECT\_WRITES\_DELTA) as TotalIOCount,*

*0 as ParserCPUTime,*

*to\_char(sample\_time + ELAPSED\_TIME\_DELTA/86400000000,'dd-mm-yyyy hh24:mi:ss') as firstresptime ,*

*to\_char(sample\_time,'dd-mm-yyyy hh24:mi:ss') as firststeptime ,*

*0 as ProcID,*

*a.sql\_id as QueryID,*

*CPU\_TIME\_DELTA/1000000 as MaxCPUTime,*

*(DISK\_READS\_DELTA + DIRECT\_WRITES\_DELTA) as MaxIO ,*

*sum(CPU\_TIME\_DELTA/1000000) over (partition by trunc(sample\_time)) as TotalCPU,*

*sum(DISK\_READS\_DELTA + DIRECT\_WRITES\_DELTA) over(partition by trunc(sample\_time)) as TotalIO ,*

*ELAPSED\_TIME\_DELTA/1000000 as Query\_Execution\_Time,*

*parsing\_schema\_name  as schemaname,*

*v.command\_name as query\_type,*

*sql\_text as QueryText,*

*executions\_delta as execution\_frequency*

*from*

*(select t.\*,row\_number() over(partition by snap\_id,sql\_id order by sample\_time) as rn from dba\_hist\_active\_sess\_history t where sample\_time >= sysdate -7)a,*

*dba\_hist\_sqlstat b,*

*dba\_hist\_sqltext c,*

*dba\_users d,*

*v$sqlcommand v*

*where*

*a.sql\_id = b.sql\_id*

*and a.snap\_id = b.snap\_id*

*and b.sql\_id = c.sql\_id*

*and d.user\_id = a.user\_id*

*and a.rn = 1*

*and c.command\_type=v.command\_type*

*order by a.sql\_id;*

*v\_file  UTL\_FILE.FILE\_TYPE;*

*BEGIN*

*v\_file := UTL\_FILE.FOPEN(location     => '<DIRECTORY\_NAME>',*

*filename     => 'oracle\_query\_log.csv',*

*open\_mode    => 'w',*

*max\_linesize => 32767);*

*FOR cur\_rec IN c\_data LOOP*

*UTL\_FILE.PUT\_LINE(v\_file,*

*cur\_rec.filler    || '~~' ||*

*cur\_rec.username    || '~~' ||*

*cur\_rec.program    || '~~' ||*

*cur\_rec.client\_id      || '~~' ||*

*cur\_rec.starttime      || '~~' ||*

*cur\_rec.CPUTime || '~~' ||*

*cur\_rec.TotalIOCount    || '~~' ||*

*cur\_rec.ParserCPUTime      || '~~' ||*

*cur\_rec.firstresptime     || '~~' ||*

*cur\_rec.firststeptime || '~~' ||*

*cur\_rec.ProcID    || '~~' ||*

*cur\_rec.QueryID      || '~~' ||*

*cur\_rec.MaxCPUTime      || '~~' ||*

*cur\_rec.MaxIO || '~~' ||*

*cur\_rec.TotalCPU    || '~~' ||*

*cur\_rec.TotalIO      || '~~' ||*

*cur\_rec.Query\_Execution\_Time     || '~~' ||*

*cur\_rec.schemaname || '~~' ||*

 *cur\_rec.query\_type || '~~' ||*

*cur\_rec.QueryText     || '~~' ||*

*cur\_rec.execution\_frequency*

*);*

*END LOOP;*

*UTL\_FILE.FCLOSE(v\_file);*

*EXCEPTION*

*WHEN OTHERS THEN*

*UTL\_FILE.FCLOSE(v\_file);*

*RAISE;*

*END;*

*/*