**Give me list of top 5 Airports with average delay time**

**SQL/HIVE**

**SELECT** name, year, month,sum(arr\_delay+dep\_delay+carrier\_delay+weather\_delay+security\_delay+late\_aircraft\_delay) as delay, count(\*) as delayedflightstillnow **FROM** flight\_data f INNER JOIN airports a ON (f.origin=a.code) **GROUP BY** name **Order by** delayedflightstillnow asc

**Give me list of last 5 Airports with average delay time.**

**SQL/HIVE**

**SELECT** name, year, month,sum(arr\_delay+dep\_delay+carrier\_delay+weather\_delay+security\_delay+late\_aircraft\_delay) as delay, count(\*) as delayedflightstillnow **FROM** flight\_data f INNER JOIN airports a ON (f.origin=a.code) **GROUP** **BY** name **Order** **by** delayedflightstillnow desc

**Give me Airports who have constant delay in flights for last 7 days.**

**Sql QUERY**

**select** name, year, month, day ,avg(arr\_delay+dep\_delay+carrier\_delay+weather\_delay+security\_delay+late\_aircraft\_delay) as d **FROM** flight\_data f **INNER** **JOIN** airports a ON (f.origin=a.code) **WHERE** date(concat(yyear,"-",mmonth,"-",dday)) >= (select date\_sub(date(concat(max(yyear),"-",max(mmonth),"-",max(dday))), interval 7 day) from flight\_data) **group** **by** name, year, month, day **having** avg(arr\_delay+dep\_delay+carrier\_delay+weather\_delay+security\_delay+late\_aircraft\_delay) > 0

**HiveQuery**

**select** name, year, month, day ,avg(arr\_delay+dep\_delay+carrier\_delay+weather\_delay+security\_delay+late\_aircraft\_delay) as d **FROM** flight\_data f **INNER** **JOIN** airports a ON (f.origin=a.code) **WHERE** date(concat(yyear,"-",mmonth,"-",dday)) >= (select DATE\_SUB(To\_date(concat(max(yyear),"-",max(mmonth),"-",max(dday))), interval 7 day) from flight\_data) **group** **by** name, year, month, day **having** avg(arr\_delay+dep\_delay+carrier\_delay+weather\_delay+security\_delay+late\_aircraft\_delay) > 0