Year wise delay:

Select year,

SUM(carrierdelay) AS carrier

from air\_traffic1

Where year is NOT NULL and year>1000

Group By year

Order By year;

Load data :

LOAD DATA INPATH '/tmp/Cloud/2004.csv.bz2' INTO TABLE air\_traffic1;

Cancellation:

SELECT

cancellationcode,

count(cancellationcode)

FROM

air\_traffic1

WHERE

cancellationcode<>'NA' OR cancellationcode IS NOT NULL

Diversion acc to origin and destination:

SELECT

flightnum,

origin,

dest

FROM

air\_traffic1

where diverted=1;

diversion acc to date:

SELECT

flightnum,

concat(month,'/',dayofmonth,'/', year) AS diverted\_date,

origin,

dest

FROM

air\_traffic1

where diverted=1

order by flightnum;

DENSITY BY DEPARTURE:

SELECT

'SYR',

dayofmonth,

deptime

FROM

air\_traffic1

Where origin='SYR' and year = 2004 and month=1 and deptime <> 'NA'

Order by dayofmonth,deptime;

DENSITY BY arrival:

SELECT

'SYR',

dayofmonth,

arrtime

FROM

air\_traffic1

Where DEST='SYR' and year = 2004 and month=1 and arrtime <> 'NA'

Order by dayofmonth,arrtime;