1 Year wise carrier delay from 2003-2010

```
    > select sum(CarrierDelay),Year from delayed_flights where Year >=2003 AND Year<=2010 group by Year;
Query ID = hadoop_20230307172948_0cf17594-8957-49d1-9eaa-d1cc75ec184a
Total jobs = 1
Launching Job 1 out of 1
Status: Running (Executing on YARN cluster with App id application_1678202717279_0006)

----------------------------------------------------------------------------------------------
        VERTICES      MODE        STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
----------------------------------------------------------------------------------------------
Map 1 .......... container    SUCCEEDED      1          1        0        0       0       0
Reducer 2 ...... container    SUCCEEDED      2          2        0        0       0       0
----------------------------------------------------------------------------------------------
VERTICES: 02/02 [==========================>>] 100%  ELAPSED TIME: 4.64 s
----------------------------------------------------------------------------------------------
OK
2064    2004
1191    2009
1577    2003
1436    2005
1540    2006
1835    2007
1298    2008
1992    2010
Time taken: 4.83 seconds, Fetched: 8 row(s)
hive> 
```

2.Year wise NAS delay from 2003-2010

```
    > select sum(NASDelay),Year from delayed_flights where Year >=2003 AND Year<=2010 group by Year;
Query ID = hadoop_20230307173105_a94345b9-0251-4873-94d8-e2d79e886489
Total jobs = 1
Launching Job 1 out of 1
Status: Running (Executing on YARN cluster with App id application_1678202717279_0006)

----------------------------------------------------------------------------------------------
        VERTICES      MODE        STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
----------------------------------------------------------------------------------------------
Map 1 .......... container    SUCCEEDED      1          1        0        0       0       0
Reducer 2 ...... container    SUCCEEDED      2          2        0        0       0       0
----------------------------------------------------------------------------------------------
VERTICES: 02/02 [==========================>>] 100%  ELAPSED TIME: 4.70 s
----------------------------------------------------------------------------------------------
OK
493     2004
1963    2009
1856    2003
680     2005
869     2006
4269    2007
1410    2008
3568    2010
Time taken: 4.894 seconds, Fetched: 8 row(s)
hive> 
```

3. Year wise Weather delay from 2003-2010

```
    > select sum(WeatherDelay),Year from delayed_flights where Year >=2003 AND Year<=2010 group by Year;
Query ID = hadoop_20230307173210_74bae7b2-6c1f-4eff-92a2-3c4fbed622ba
Total jobs = 1
Launching Job 1 out of 1
Status: Running (Executing on YARN cluster with App id application_1678202717279_0006)

--------------------------------------------------------------------------------
        VERTICES      MODE        STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
--------------------------------------------------------------------------------
Map 1 .......... container    SUCCEEDED      1          1        0        0       0       0
Reducer 2 ...... container    SUCCEEDED      2          2        0        0       0       0
--------------------------------------------------------------------------------
VERTICES: 02/02  [==========================>>] 100%  ELAPSED TIME: 5.13 s
--------------------------------------------------------------------------------
OK
287     2004
24      2009
660     2003
267     2005
384     2006
452     2007
305     2008
240     2010
Time taken: 5.289 seconds, Fetched: 8 row(s)
hive> []
```

4.Year wise late aircraft delay from 2003-2010

```
    > select sum(LateAircraftDelay),Year from delayed_flights where Year >=2003 AND Year<=2010 group by Year;
Query ID = hadoop_20230307173323_e253b5ec-9aae-4b93-a858-68dcd483ec02
Total jobs = 1
Launching Job 1 out of 1
Status: Running (Executing on YARN cluster with App id application_1678202717279_0006)

--------------------------------------------------------------------------------
        VERTICES      MODE        STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
--------------------------------------------------------------------------------
Map 1 .......... container    SUCCEEDED      1          1        0        0       0       0
Reducer 2 ...... container    SUCCEEDED      2          2        0        0       0       0
--------------------------------------------------------------------------------
VERTICES: 02/02  [==========================>>] 100%  ELAPSED TIME: 4.79 s
--------------------------------------------------------------------------------
OK
1451    2004
1819    2009
1986    2003
2332    2005
2295    2006
5726    2007
2069    2008
4233    2010
Time taken: 4.931 seconds, Fetched: 8 row(s)
hive> []
```

5.Year wise security delay from 2003-2010

```
    > select sum(SecurityDelay),Year from delayed_flights where Year >=2003 AND Year<=2010 group by Year;
Query ID = hadoop_20230307173446_c2f254c1-6732-4985-b4b2-fd7f5432c631
Total jobs = 1
Launching Job 1 out of 1
Status: Running (Executing on YARN cluster with App id application_1678202717279_0006)

--------------------------------------------------------------------------------
        VERTICES      MODE        STATUS  TOTAL  COMPLETED  RUNNING  PENDING  FAILED  KILLED
--------------------------------------------------------------------------------
Map 1 .......... container    SUCCEEDED      1         1        0        0       0       0
Reducer 2 ...... container    SUCCEEDED      2         2        0        0       0       0
--------------------------------------------------------------------------------
VERTICES: 02/02  [==========================>>] 100%  ELAPSED TIME: 5.23 s
--------------------------------------------------------------------------------
OK
0       2004
0       2009
0       2003
0       2005
0       2006
12      2007
0       2008
0       2010
Time taken: 5.395 seconds, Fetched: 8 row(s)
hive>
```