PIG Queries:

```
RawData = LOAD 'DublinFootFallCount2020.csv' USING PigStorage(',') AS(dummy:chararray,
DateValue: chararray, TimeValue: chararray, AstonQuay:INT, BachelorsWalk:INT,
CapelStreet:INT, CollegeGreenDameStSide:INT, CollegeGreenChurchLane:INT,
CollegeGreenBankOfIreland:INT, DameStreet:INT, DawsonStreetReplacement:INT,
DoilierStreetBurghQuay:INT, GraftonStreet:INT,
GraftonStreetNassauStreetSuffolkStreet:INT, GraftonStreetCompuB:INT, HenryStreet:INT,
LiffeyStreet:INT, MaryStreet:INT, OConnellStOutsideClerys:INT,
OConnellStOutsidePennys:INT, OConnellStParnellStAIB:INT, TalbotStreetNorth:INT,
TalbotStreetSouth:INT, WestmorelandStreetEast:INT, WestmorelandStreetWest:INT);


RequiredCities = FOREACH RawData GENERATE
$0,$1,$2,$3,$4,$5,$6,$7,$11,$15,$16,$18,$19,$22;


STORE RequiredCities INTO 'dublinfootfallpigoutput2020.csv' USING PigStorage(',');
```

Hive Queries:

```
hdfs dfs -copyFromLocal /home/priya_pandey2/dublinfootfallpigoutput2020.csv /


CREATE TABLE dublinfootfallData(DateValue Date, TimeValue string, AstonQuay INT,
BachelorsWalk INT, CapelStreet INT, CollegeGreenDameStSide INT,
CollegeGreenChurchLane INT,  CollegeGreenBankOfIreland INT, GraftonStreet INT,
LiffeyStreet INT, MaryStreet INT, OConnellStOutsidePennys INT, OConnellStParnellStAIB INT,
WestmorelandStreetEast INT) ROW FORMAT DELIMITED FIELDS TERMINATED BY ',' STORED
AS TEXTFILE TBLPROPERTIES("skip.header.line.count"="1");


LOAD DATA INPATH 'hdfs://cluster-70ca-m/dublinfootfallpigoutput2020.csv' INTO TABLE
dublinfootfallData;


hive -e 'set hive.cli.print.header=true; Select  DateValue, TimeValue , nvl(AstonQuay,0) as
AstonQuay, nvl(BachelorsWalk,0)as BachelorsWalk, nvl(CapelStreet ,0) as CapelStreet,
nvl(CollegeGreenDameStSide,0) as CollegeGreenDameStSide,
nvl(CollegeGreenChurchLane,0) as CollegeGreenChurchLane
,nvl(CollegeGreenBankOfIreland,0) as CollegeGreenBankOfIreland , nvl(GraftonStreet,0) as
```

```
GraftonStreet , nvl(LiffeyStreet,0) as LiffeyStreet , nvl(MaryStreet,0) as MaryStreet,
nvl(OConnellStOutsidePennys,0) as OConnellStOutsidePennys,
nvl(OConnellStParnellStAIB,0) as OConnellStParnellStAIB, nvl(WestmorelandStreetEast,0) as
WestmorelandStreetEast from dublinfootfallData' | sed 's/[[:space:]]\+/,/g' >
~/finalOutPutDublinpedestrianfootfall2020.csv
```