Transfer all files in [OneDrive](https://mylambton-my.sharepoint.com/personal/c0866821_mylambton_ca/_layouts/15/onedrive.aspx?ga=1&id=%2Fpersonal%2Fc0866821%5Fmylambton%5Fca%2FDocuments%2FDocuments%2FLambton%20College%2FClass%2FTerm%201%2FBDM%2D1043%20%2D%20Big%20Data%20Fundamentals%2FBDM%2D1043%20%2D%20Project%2FSQL%20Scripts%2F02%2Ddata%20for%20import) to Hortonworks file directory via WinSCP

Text

Description automatically generated

HIVE scripts for table creation and data loading

|  |
| --- |
| set hive.cli.print.current.db=true;  set hive.cli.print.header=true;  create database bdm1043;  use bdm1043;  **-----------------------------------------**  **-- PROVINCES**  **-----------------------------------------**  create table if not exists provinces (  province\_code string comment 'province code',  province\_name string comment 'province name',  region string comment 'region name'  )  row format delimited  fields terminated by ','  lines terminated by '\n'  stored as textfile  tblproperties ("skip.header.line.count"="1");  load data local inpath '/home/acastro/canada/provinces.csv'  into table provinces;  **-----------------------------------------**  **-- AGE\_GROUP**  **-----------------------------------------**  create table if not exists immigration\_category (  immi\_code string comment 'immigration code',  immi\_type string comment 'immigration type'  )  row format delimited  fields terminated by ','  lines terminated by '\n'  stored as textfile  tblproperties ("skip.header.line.count"="1");  load data local inpath '/home/acastro/canada/immigration\_category.csv'  into table immigration\_category;  **-----------------------------------------**  **-- IMMIGRATION\_CATEGORY**  **-----------------------------------------**  create table if not exists immigration\_category (  immi\_code string comment 'immigration code',  immi\_type string comment 'immigration type'  )  row format delimited  fields terminated by ','  lines terminated by '\n'  stored as textfile;  load data local inpath '/home/acastro/canada/immigration\_category.csv'  into table immigration\_category;  **-----------------------------------------**  **-- NATIONAL\_OCCUPATIONAL\_CATEGORY**  **-----------------------------------------**  create table if not exists national\_occupational\_category (  noc\_code string comment 'national occupational category code',  job\_title string comment 'job title',  skill\_type string comment 'skill type: 0, A, B, C or D'  )  row format delimited  fields terminated by '|'  lines terminated by '\n'  stored as textfile  tblproperties ("skip.header.line.count"="1");  load data local inpath '/home/acastro/canada/national\_occupational\_category.csv'  into table national\_occupational\_category;  **-----------------------------------------**  **-- PR\_ADMISSION\_BY\_AGE\_GROUP**  **-----------------------------------------**  create table if not exists pr\_admission\_by\_age\_group (  age\_group\_id int comment 'age group id',  province\_code string comment 'province code',  year int comment 'year of the PR approval',  month string comment 'month of the PR approval',  total\_approval int comment 'total number of PR approvals'  )  row format delimited  fields terminated by ','  lines terminated by '\n'  stored as textfile  tblproperties ("skip.header.line.count"="1");  load data local inpath '/home/acastro/canada/pr\_admission\_by\_age\_group.csv'  into table pr\_admission\_by\_age\_group;  **-----------------------------------------**  **-- PR\_ADMISSION\_BY\_NOC**  **-----------------------------------------**  create table if not exists pr\_admission\_by\_noc (  noc\_code string comment 'national occupational category code',  province\_code string comment 'province code',  year int comment 'year of the PR approval',  month string comment 'month of the PR approval',  total\_approval int comment 'total number of PR approvals'  )  row format delimited  fields terminated by ','  lines terminated by '\n'  stored as textfile  tblproperties ("skip.header.line.count"="1");  load data local inpath '/home/acastro/canada/pr\_admission\_by\_noc.csv'  into table pr\_admission\_by\_noc;  **-----------------------------------------**  **-- PR\_ADMISSION\_BY\_IMMIGRATION\_CATEGORY**  **-----------------------------------------**  create table if not exists pr\_admission\_by\_immigration\_category (  immi\_code string comment 'immigration code',  province\_code string comment 'province code',  year int comment 'year of the PR approval',  month string comment 'month of the PR approval',  total\_approval int comment 'total number of PR approvals'  )  row format delimited  fields terminated by ','  lines terminated by '\n'  stored as textfile  tblproperties ("skip.header.line.count"="1");  load data local inpath '/home/acastro/canada/pr\_admission\_by\_immigration\_category.csv'  into table pr\_admission\_by\_immigration\_category; |

Steps to connect Power BI to Hortonworks

<https://chen115yaohua.wordpress.com/2017/01/27/microsoft-bi-access-hive-tables-on-hortonworks-sandbox/>

Graphical user interface, application

Description automatically generated