BC2402: Designing and Developing Databases
Seminar Group: 08
Group: 4
Group Project - Database Implementation Guide

MySQL	
Q1 - Q10, Q13	**Step 1:** Run **[BC2402_GP_2024_25]** BC2402_GP_2024_25 12-Oct-23 2:40 PM SQL Text File 364,709 KB **Step 2:** Run **[BC2402_S08_G4_Reworked_Data]** - <u>Lines 5 to 62</u> BC2402_S08_G4_Reworked_Data 23-Nov-23 5:32 PM SQL Text File 4 KB **Step 3:** Run **[BC2402_S08_G4_GroupProject]** for relevant queries BC2402_S08_G4_GroupProject 23-Nov-23 6:29 PM SQL Text File 7 KB
Q14	**Step 1:** Run **[greenhouse_gas_emissions]**, **[electricity]**, **[energy_investment]** greenhouse_gas_emissions 19-Nov-23 7:09 AM SQL Text File 85 KB electricity 17-Nov-23 11:27 PM SQL Text File 48,876 KB energy_investment 19-Nov-23 7:10 AM SQL Text File 7 KB **Step 2:** Run **[BC2402_S08_G4_Reworked_Data]** - <u>Lines 64 to 119</u> BC2402_S08_G4_Reworked_Data 23-Nov-23 5:32 PM SQL Text File 4 KB **Step 3:** Run **[BC2402_S08_G4_GroupProject]** for relevant queries BC2402_S08_G4_GroupProject 23-Nov-23 6:29 PM SQL Text File 7 KB

NoSQL	
Q1 - Q10, Q13	**Step 1:** Import the following files

group_project.co2_emissions_canada.json	25-Oct-23 5:05 AM	JSON File	2,535 KB
group_project.electric_vehicle_populatio...	25-Oct-23 5:05 AM	JSON File	45,223 KB
group_project.ev_stations_v1.json	25-Oct-23 5:05 AM	JSON File	30,090 KB
group_project.nei_2017_full_data.json	25-Oct-23 5:05 AM	JSON File	820,089 KB

Step 2: Run **[BC2402_S08_G4_Reworked_Datasets]** - <u>**Lines 8 to 82**</u>

BC2402_S08_G4_Reworked_Datasets	23-Nov-23 5:39 PM	JavaScript File	6 KB

Step 3: Run **[BC2402_S08_G4_GroupProject]** for relevant queries

BC2402_S08_G4_GroupProject	23-Nov-23 6:29 PM	JavaScript File	9 KB

Q14	**Step 1:** Import the following csv files

greenhouse-gas-emissions-industry-and-...	11-Nov-23 3:35 AM	Microsoft Excel Co...	100 KB

- Collection Name: **<u>greenhouse_gas_emissions</u>**

monthly_full_release_long_format-4	17-Nov-23 5:41 AM	Microsoft Excel Co...	39,776 KB

- Collection Name: **<u>electricity</u>**
- **Refer to Appendix 1:** to change 'Date' to *date* datatype

WorldEnergyInvestment	11-Nov-23 5:12 AM	Microsoft Excel Co...	4 KB

- Collection Name: **<u>energy_investment</u>**

Step 2: Run **[BC2402_S08_G4_Reworked_Data]** - <u>**Lines 84 to 209**</u>

BC2402_S08_G4_Reworked_Datasets	19-Nov-23 4:14 AM	JavaScript File	6 KB

Step 3: Run **[BC2402_S08_G4_GroupProject]** for relevant queries

BC2402_S08_G4_GroupProject	23-Nov-23 6:29 PM	JavaScript File	9 KB

Appendices:
Appendix 1: