




















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

MySQL				
Q1 - Q10, Q13	<b>Step 1: Run [BC2402_GP_2024_25]</b>			
	 BC2402_GP_2024_25	12-Oct-23 2:40 PM	SQL Text File	364,709 KB
	<b>Step 2: Run [BC2402_S08_G4_Reworked_Data] - Lines 5 to 62</b>			
	 BC2402_S08_G4_Reworked_Data	23-Nov-23 5:32 PM	SQL Text File	4 KB
	<b>Step 3: Run [BC2402_S08_G4_GroupProject] for relevant queries</b>			
	 BC2402_S08_G4_GroupProject	23-Nov-23 6:29 PM	SQL Text File	7 KB
Q14	<b>Step 1: Run [greenhouse_gas_emissions], [electricity], [energy_investment]</b>			
	 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
	<b>Step 2: Run [BC2402_S08_G4_Reworked_Data] - Lines 64 to 119</b>			
	 BC2402_S08_G4_Reworked_Data	23-Nov-23 5:32 PM	SQL Text File	4 KB
	<b>Step 3: Run [BC2402_S08_G4_GroupProject] for relevant queries</b>			
	 BC2402_S08_G4_GroupProject	23-Nov-23 6:29 PM	SQL Text File	7 KB

NoSQL				
Q1 - Q10, Q13	<b>Step 1: Import the following files</b>			
	 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
	<b>Step 2: Run [BC2402_S08_G4_Reworked_Datasets] - Lines 8 to 82</b>			
	 BC2402_S08_G4_Reworked_Datasets	23-Nov-23 5:39 PM	JavaScript File	6 KB
	<b>Step 3: Run [BC2402_S08_G4_GroupProject] for relevant queries</b>			
	 BC2402_S08_G4_GroupProject	23-Nov-23 6:29 PM	JavaScript File	9 KB
Q14	<b>Step 1: Import the following csv files</b>			
	 greenhouse-gas-emissions-industry-and-...	11-Nov-23 3:35 AM	Microsoft Excel Co...	100 KB
	<ul style="list-style-type: none"> <li>Collection Name: <b><u>greenhouse_gas_emissions</u></b></li> </ul>			
	 monthly_full_release_long_format-4	17-Nov-23 5:41 AM	Microsoft Excel Co...	39,776 KB
	<ul style="list-style-type: none"> <li>Collection Name: <b><u>electricity</u></b></li> <li><b>Refer to Appendix 1:</b> to change 'Date' to <u>date</u> datatype</li> </ul>			
	 WorldEnergyInvestment	11-Nov-23 5:12 AM	Microsoft Excel Co...	4 KB
	<ul style="list-style-type: none"> <li>Collection Name: <b><u>energy_investment</u></b></li> </ul>			
	<b>Step 2: Run [BC2402_S08_G4_Reworked_Data] - Lines 84 to 209</b>			
	 BC2402_S08_G4_Reworked_Datasets	19-Nov-23 4:14 AM	JavaScript File	6 KB
	<b>Step 3: Run [BC2402_S08_G4_GroupProject] for relevant queries</b>			
	 BC2402_S08_G4_GroupProject	23-Nov-23 6:29 PM	JavaScript File	9 KB

## Appendices:

### Appendix 1:

### Import

To collection s8g4.electricity

**Import file:** monthly\_full\_release\_long\_format-4.csv

**Options**

Select delimiter Comma

☒ Ignore empty strings

☐ Stop on errors

**Specify Fields and Types** [Learn more about data types](#)

	<input checked="" type="checkbox"/> Area	<input checked="" type="checkbox"/> Country code	<input checked="" type="checkbox"/> Date	<input checked="" type="checkbox"/> Area type	<input checked="" type="checkbox"/> Continent	<input checked="" type="checkbox"/> E
	<span>String</span>	<span>String</span>	<span>String</span>	<span>String</span>	<span>String</span>	<span>Stri</span>
1	Argentina	ARG	Long	Country	South America	Latin
2	Argentina	ARG	Double	Country	South America	Latin
3	Argentina	ARG	Boolean	Country	South America	Latin
4	Argentina	ARG	Date	Country	South America	Latin
5	Argentina	ARG	<input checked="" type="checkbox"/> String	Country	South America	Latin

Cancel Import