

Assignment 4 Overview

- You will examine population changes in Montreal, QC using Canadian Census data.
- You will learn:
 - How to import Excel files into ArcGIS Pro.
 - How to join tables (simple one-to-one join) in ArcGIS Pro.
 - How to create pivot tables in ArcGIS Pro.
 - How to create side-by-side bar charts in ArcGIS Pro.

Submission Details

- This is a Connect Assignment.
- You will submit everything on Connect.
- The deadline is 2:00 PM on **November 12**.
- Direct all extension requests to the professor.
- If you seek an accommodation (extension), you **must** save copies of your answers (e.g., save all your answers in a Word document). Your assignments will be reset with a new deadline, and the existing answers will be cleared.

Table Join

- Simple one-to-one join:
 - We have two (attribute) tables with the same number of rows.
 - These can be attribute tables from a feature layer or standalone (non-spatial) tables.
 - Both tables have a common key column containing IDs for each record.
 - Each unique ID in the left table corresponds one-to-one with a record in the right table.

Simple one-to-one join

Left Table

Key	Var1	Var2
1
2
3
4

Right Table

Key	Var3	Var4
3
1
4
2

Key	Var1	Var2	Var3	Var4
1
2
3
4

Question Revision

Which tool(s) can be used to import an Excel workbook sheet into a geodatabase?

- a. Only the Excel To Table tool
- b. Only the **Export Table** tool
- c. Excel To Table and **Export Table**
- d. Excel To Table and Table To Excel

*Table to Table tool has been replaced with a new tool called **Export Table**. Both tools have the same functionality.*