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 <u>Connect Assignment</u>.

- You will submit everything on Connect.

- The deadline is 2:00 PM on **November 12**.

- Direct all extension requests to the professor.

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.

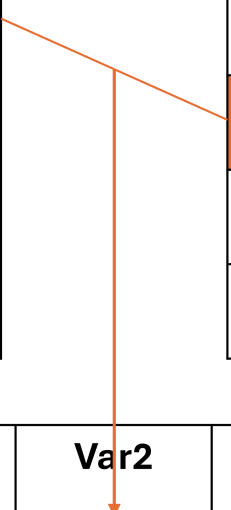 - Each unique ID in the left table corresponds one-to-one with a record in the right table.

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	...	...	...	...