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| **Memorandum** | E:\Users\bergg\Documents\My Templates\Word\Accountancy\Accountancy\Accountancy_color_h.png |

To: 4320 Students

From: Gary G. Berg

Date: September 25, 2024

Re: Assignment 7 – Tableau Joins

* This assignment is an extension of assignment 6. You will be creating visualizations in Tableau for the pivot tables you created in assignment 6
	+ Download file for this assignment
* **Required**
	+ Connect to the excel file
	+ Create the necessary joins (inner joins) between the tables
		- See zoom example



* + Create crosstabs of the pivot tables you created in assignment 6.(**Make sure you** **Master the data**)
		- Sheet 1 -Crosstab for Pivot table 1 from assignment 6
			* **Name the sheet Business**
			* Sort on $ sales total descending order
		- Sheet 2 - Duplicate sheet 1 to a bar chart and show mark labels
		- Sheet 3 - Crosstab for Pivot Table 2 from assignment 6
			* **Rename the sheet Year**
		- Sheet 4 - Crosstab for Pivot Table 3 from assignment 6
			* **Name the sheet Product**
		- Sheet 5 - Crosstab for Pivot Table 4 from assignment 6
			* **Name the sheet State**
		- Sheet 6 (geographic map) showing total $ sales for each state
			* The map should allow user to filter by product and/or year
				+ show filter
			* Map title should reflect filters in use
	+ Depending on your design, all crosstabs should show grand totals, subtotals and/or row totals.
1. To save your work, go to file > save as to save the file as a **twbx** (tableau packaged workbook) file.
	1. Failure to save file as twbx will result in **grade of zero**
2. Additional Note: Make sure you submit the **twbx** file and not the temp file that is created when you are in Tableau
	1. The temp file is erased when you exit Tableau, but there may be a delay before that happens
		1. Temp files have an extension of **twbr**
3. **Submit the completed Tableau .twbx file via the D2L dropbox.**: (You are not submitting screenshots)
	1. **Failure to submit as a twbx file will result in a grade of ZERO**
	2. Files submitted to the wrong dropbox will receive a **grade of 0**
	3. **Failure to follow directions will result in a grade of ZERO**
4. This is **not a** group assignment. Students should work independently.
	1. **Copying/plagiarism** will result in a **grade of 0** for all parties involved.
5. **Due on 10-01-2024, 11:30 p.m.**
6. **Remember, file must be virus free**. (**Any assignment received containing a Virus receives a grade of 0)**