ACC575: Data Analytics for Accounting
LN9: Closing

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What We Covered This Semester

Excel Fundamentals
- Introduction to Excel (Tables, Formatting, Data Management)
- Functions: Logical, Math, Conditional, Database, Lookup
- Date and Text Functions
- PivotTables, PivotCharts, and Slicers
- What-If Analysis (Goal Seek, Data Tables, Scenario Manager, Solver)
- Dashboard Creation and Data Visualization

Excel Applications in Accounting
- Financial Statement Analysis
- DuPont Analysis
- Depreciation Calculations
- Mortgage Amortization Schedules
- NPV and Investment Analysis
- Breakeven Analysis

What We Covered This Semester (Continued)

AI Tools Introduction

- Google Colab
- Perplexity
- Google Gemini (including Gems)
- Google NotebookLM
- Claude (including Artifacts)
- Basic Prompting Skills for Accounting Tasks

Data Analysis Skills

- Loading data from web sources
- Data cleaning and preparation
- Creating professional dashboards
- Effective data communication

My Reflection on This Course

Excel in Accounting Context
- I wanted to cover how to use Excel in the context of Accounting.
- I now feel that it was a bit overlapped with what you already know.

AI Tools Introduction
- I wanted to introduce as many AI tools as possible.
- We did: Google Colab, Perplexity, Google Gemini, Google NotebookLM, Claude

Looking Forward
- I would've introduced Python a bit here in this context after Excel.
- This would provide a natural progression from spreadsheet analysis to programming.

Course Evaluation Survey: Your Feedback Matters!

Please Complete the Course Evaluation Survey

- I'll give you about 10 minutes to complete it.
- **Written feedback would be greatly appreciated.**

Where to find? Survey invitations are sent through **CMICH email** (the day surveys open, 1 week later for non-respondents, and the final day surveys are open) AND via the **student Blackboard Resources Page** and **Activity Stream**.

Questions to Consider

- What would've been done better?
- What topics/tools would've been better to be covered? (e.g., Python)
- How did you feel about the introduction to AI tools?
- Any other suggestions or comments?

Thank You for a Great Semester!

I hope you found this course valuable and applicable to your accounting career.

Best of luck in your future endeavors!