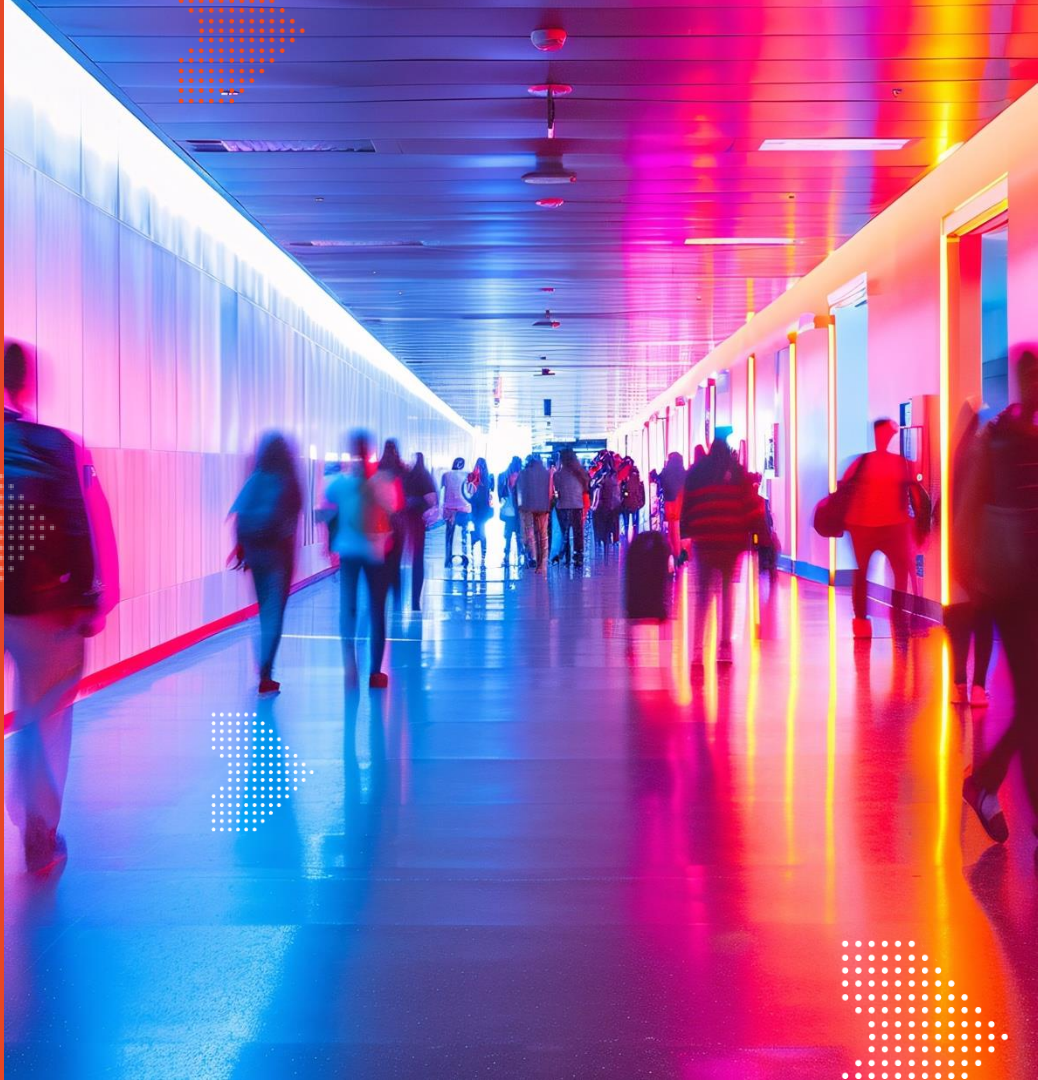
L&T:25

Lightning Talks 1

Wednesday 12th November

THE UNIVERSITY OF SYDNEY
Business School



Lightning Talks 1

Rethinking Assessment with AI

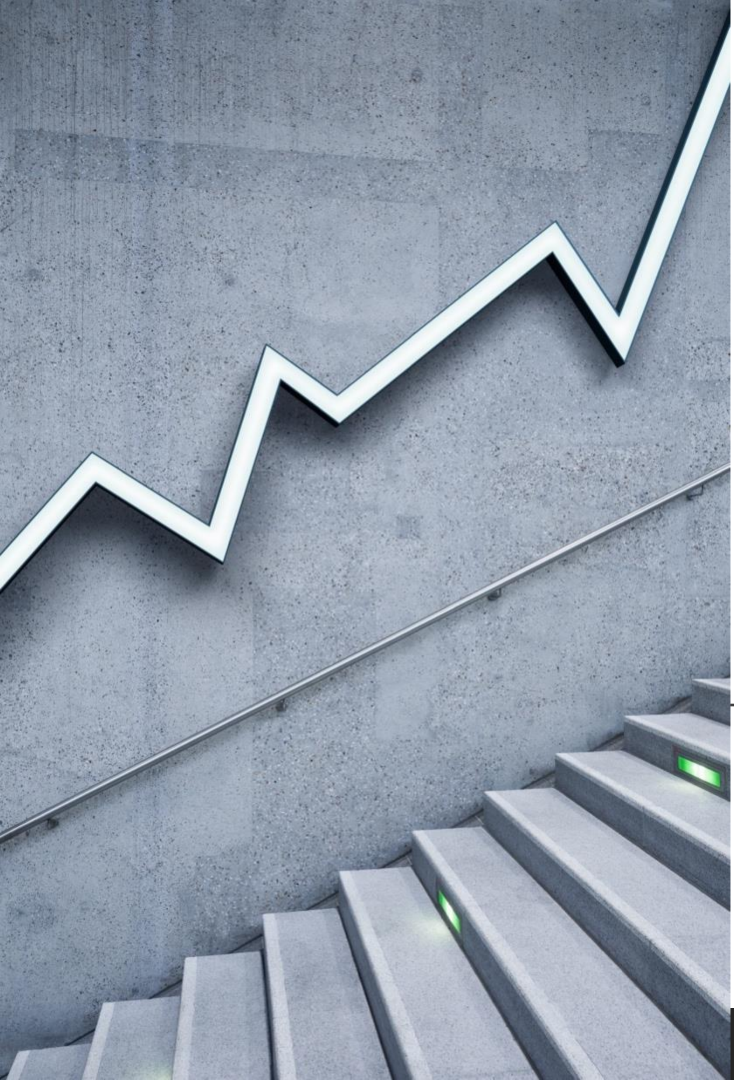
Chair: Dr Benjamin Lay

Lecturer, Discipline of Accounting,
Governance and Regulation
The University of Sydney Business School

Lightning Talk 1

Pinpoint Referencing as a Defense Against AI - Generated Vagueness

Associate Professor David Chaikin
Dr Fei Gao



Pinpoint Referencing as a Defence Against AI-Generated Vagueness

A/PROF DAVID CHAIKIN

DR FEI GAO

DISCIPLINE OF ACCOUNTING, GOVERNANCE AND REGULATION

Students use smooth language produced by Gen AI as a substitute for their own critical thinking.

Gen AI "creates" references that do not exist and makes statements that are misleading.

THE CHALLENGE BY USING GEN AI

AGLC4, e.g.,
David Chaikin 'Past Promises and Future Directions: Anti-Money Laundering Regulation and the Legal Profession', UNSW Law Journal (2025) 48(1), 237-277, at 260.

APA or Harvard styles, e.g.,
(Chaikin, 2025, p. 260)

POTENTIAL SOLUTION – PINPOINT REFERENCING

Improved student learning about Gen AI.

Fewer fabricated references or unverifiable sources in student assessment submissions.

Fewer academic integrity concerns raised by markers.

Stronger analytical explanations supported by precise evidence.

OUTCOME (EFFECTIVENESS, EFFICIENCY, AND ETHICS)

Lightning Talk 2

Can AI Guess the Exam? Rethinking Assessment in the Generative Era

Dr Wei Cui
Dr Vycke Wu

Can Generative AI Simulate Finance Exams? Rethinking Assessment in the Generative Era

Presented by

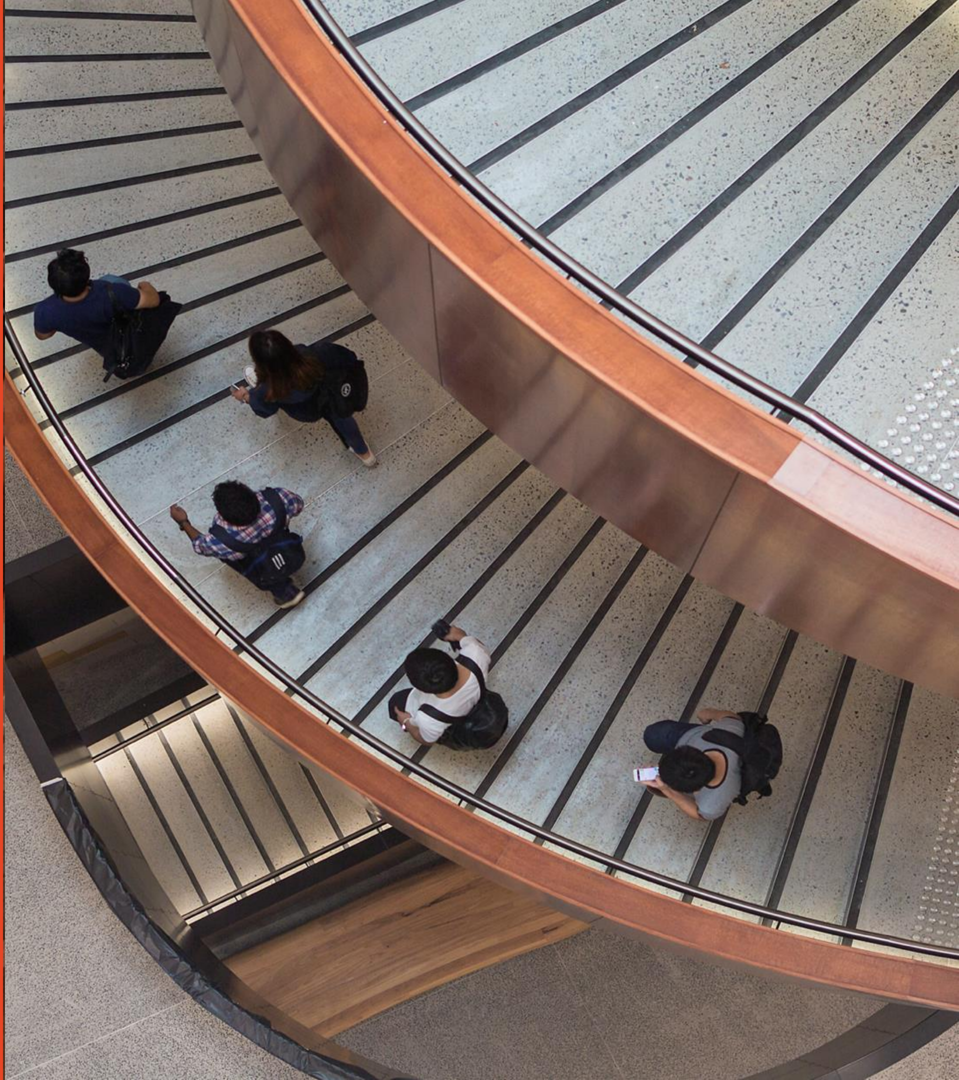
Wei Cui (Finance Discipline)

Vycke Wu (Finance Discipline)

University of Sydney Business School

THE UNIVERSITY OF SYDNEY

Business School



Research Design

Objectives:

- Student lens: How can AI be used as a learning assistant to generate accurate, diverse practice questions?
- Educator lens: What does this reveal about how we design exams and where tacit signals exist?

Scope:

- Platforms: Copilot
- Course: FINC5090 Finance in the Global Economy
  – Elective postgraduate course with around 800 enrolments from 2021 to 2023. Assessments include a mid-term exam, a group assignment and a final exam
- Materials: slides, tutorials, practice exams, reading guides, past exams

Experiments

Experiment 1: Varying prompts

- Changed role framing, constraints, Bloom levels
- Kept materials fixed (slides + tutorails)

Experiment 2: Varying materials

- Expanded from slides → tutorials → exams → feedback
- Used best-performing prompt

Key Findings

- AI could reproduce surface structure of exams (formats, terminology).
  - ✓ Mostly single-step definitions or plug-and-play logic.
- Struggled with conceptual depth and tacit reasoning steps.
  - ✓ Some questions deviate from the learning objectives.
  - ✓ Limited contextual information is provided.
  - ✓ Lacking multi-step reasoning/figure reading
- Quality improved with more context, but diversity dropped.
- Bloom's taxonomy cues improved question balance.

Reflection and Implications

- Rethink how we design transparent, authentic assessments in the AI era.
- Focus on judgment, interpretation, and ethical reasoning — areas AI struggles with.
- Use AI as a pedagogical mirror, not just a tool.

Lightning Talk 3

Enhancing the Student Experience and Learning Outcomes through Excel-Based Cost Allocation Methods

Dr Paul Blayney
Dr Vijaya Murthy

L&T:25

Enhancing the Student Experience and Learning Outcomes through an Excel-Based Cost Allocation Assignment

Data worksheet

Where are columns C - F?

Student has done some workings on the data wksht.

Rows 6 - 9?

	A	B	G	H	I	J	K	L	M	N	O	P
1												
2	Acct2019 - EFT2025 - Excel Assignment – Your Unique Data											
3												
4		Use Simple Data	Support Departments				Operating Departments					
5			Housekeeping	Cafeteria	Maintenance		Surgery	Radiology	Emergency		operating data total	
10		Budgeted costs	$10,000	$20,000	$30,000		$40,000	$50,000	$60,000			
11		Support dept data										
12		Square meters used	1,000	4,000	5,000		2,000	2,000	2,000		6,000	
13		# of meals served	200	500	300		400	300	300		1,000	
14		# of maintenance jobs	40	50	10		20	30	50		100	

Support Department Allocation Bases

Housekeeping costs: **square metres** used by department
Cafeteria costs: # of **meals served**
Maintenance costs: # of **maintenance jobs**

You must provide your final answers on the other worksheets (see tabs at bottom of this worksheet (Direct, Step1, Step2, etc). You may use this sheet's blank cells for workings if you wish.

Do NOT modify this worksheet's structure.

FEEDBACK: Marked student answer worksheet

A	B	C	D	E	F	G	H	I	J	K	L

Operating Department Overhead Post-Allocation Balances Task #1 - Direct Method

NOTE Some of the 'Your answer' formula cells do not require an entry. **Delete the 'Your answer' for these cells.**

All of the 'Your answer' formula cells are formatted to display results to the nearest $. **Don't worry about cents. :)**

All of the 'Your answer' formula cells including your final answers (i.e. the ending balances for the **Surgery, Radiology,** and **Emergency** departments) should be based on the unique data provided on the Data worksheet.

When we mark your submission we will change the data. Your formulas will be checked that they provide the correct result with the new data set.

Do NOT modify the **structure** of this worksheet.

Errors

	Support Departments			Operating Departments			
	Housekeeping	Cafeteria	Maintenance	Surgery	Radiology	Emergency	Total
Budgeted overhead costs before cost allocations	$10,000	$20,000	$30,000	$40,000	$50,000	$60,000	$150,000
Allocation of **Housekeeping** overhead	-10,000	0	0	3,333	3,333	3,333	10,000
Allocation of **Cafeteria** overhead	0	-20,000	0	8,000	6,000	6,000	20,000
Allocation of **Maintenance** overhead	0	0	-30,000	6,000	9,000	15,000	30,000
Budgeted overhead costs after cost allocations	$0	$0	$0	$57,333	$68,333	$84,333	$210,000

You may use this worksheet's blank cells for your workings.

Allocating operating	Surgery	Radiology	Emergency	check
Square meteres used (housekeeping)	33%	33%	33%	100%
# of meals (cafeteria)	40%	30%	30%	100%
# of maintenance jobs (maintenance costs)	20%	30%	50%	100%

Student has entered working calcs.

L&T:25

Thank you!

Vote - People's choice award

Lightning Talks 1

THE UNIVERSITY OF SYDNEY

Business School