Both-Ways Log

Activity 2.1.2 · By Hand, Then With AI. Fill this in as you work. Round to whole minutes. Rough times are fine; the comparison is the point.

Name		**Period**		**Date**	
Chatbot used		**Partner (if any)**			

1 · Lunch survey (lunch-survey-2-1-2.csv)

Predict first (before you start any timer): I think by hand will take _____ min and the AI way will take _____ min in total. The higher score will be: [ ] by hand [ ] AI [ ] about the same

Cost	By hand	With AI
Writing the prompt	(not used)	_____ min
Waiting for the answer	(not used)	_____ min
Checking the answer	(not used)	_____ min
Fixing what was wrong	(not used)	_____ min
Total minutes	_____ min	_____ **min** (prompt + wait + check + fix)

Question	My answer by hand	AI's answer	Hand right?	AI right?
1. How many different students?			[ ]	[ ]
2. Most popular lunch (and count)?			[ ]	[ ]
3. Average minutes in line (leave out impossible values)?			[ ]	[ ]
4. Highest average rating (ignore blanks)?			[ ]	[ ]
5. Rows I would fix or flag?			[ ]	[ ]
Bar chart of lunch choices			[ ]	[ ]
Quality score (out of 6)			_____ **/ 6**	_____ **/ 6**

Fill in the “right?” boxes only after your teacher shows the answer key.

Data traps: what did the AI do?

Trap	Said so	Worked around it quietly	Missed it	Couldn't tell
Duplicate row	[ ]	[ ]	[ ]	[ ]
Inconsistent spelling	[ ]	[ ]	[ ]	[ ]
Impossible value	[ ]	[ ]	[ ]	[ ]
Blank values	[ ]	[ ]	[ ]	[ ]

N in, N out: the file has _____ rows. I asked the AI how many rows it used and it said _____. Did they match? [ ] yes [ ] no

2 · Study-group scheduling (availability-grid-2-1-2.csv)

Task: find the time slots when all five people are free.

Cost	By hand	With AI
Prompt + wait	(not used)	_____ min
Checking the answer	(not used)	_____ min
Fixing what was wrong	(not used)	_____ min
Total minutes	_____ min	_____ **min**
Slots I found		
Score (+1 per correct slot, –1 per wrong slot listed)	_____	_____

How I checked the AI's slots: _____

3 · Compare the two ways

	Lunch survey	Scheduling
Minutes saved (by hand total – AI total; use a minus sign if AI took longer)	_____ min	_____ min
Time verdict (more than 10% of the by-hand time either way, or about even)	[ ] saved [ ] even [ ] cost more	[ ] saved [ ] even [ ] cost more
Quality verdict (AI after checking and fixing, vs. by hand)	[ ] better [ ] same [ ] worse	[ ] better [ ] same [ ] worse
Which was cheaper to check, and why?		

The order effect. I did the hand version first. Did that make the AI way look faster than it would for someone starting cold? [ ] yes [ ] no [ ] not sure. How do you know? _____

4 · Three questions before you hand something off

Question	Yes / No	For the scheduling puzzle, my reason
Can I check it faster than I could do it?		
What if it's wrong and I miss it? Would it cost much?		
Am I supposed to be learning this?		

Learning test. I covered the AI's answer and tried to explain or redo one question myself. [ ] I could [ ] I could not

5 · My conclusion

Finish in 2–3 sentences, using your own numbers: “For this task, using AI _____ (saved time / was about even / cost more time), and the quality was _____. The cost I almost forgot to count was _____.”