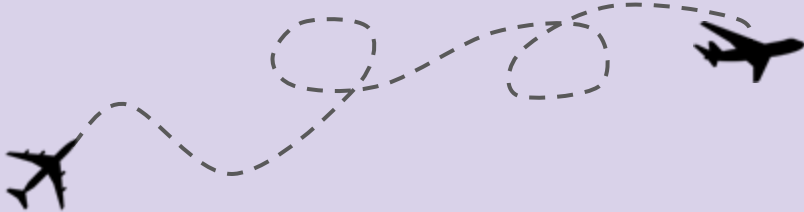
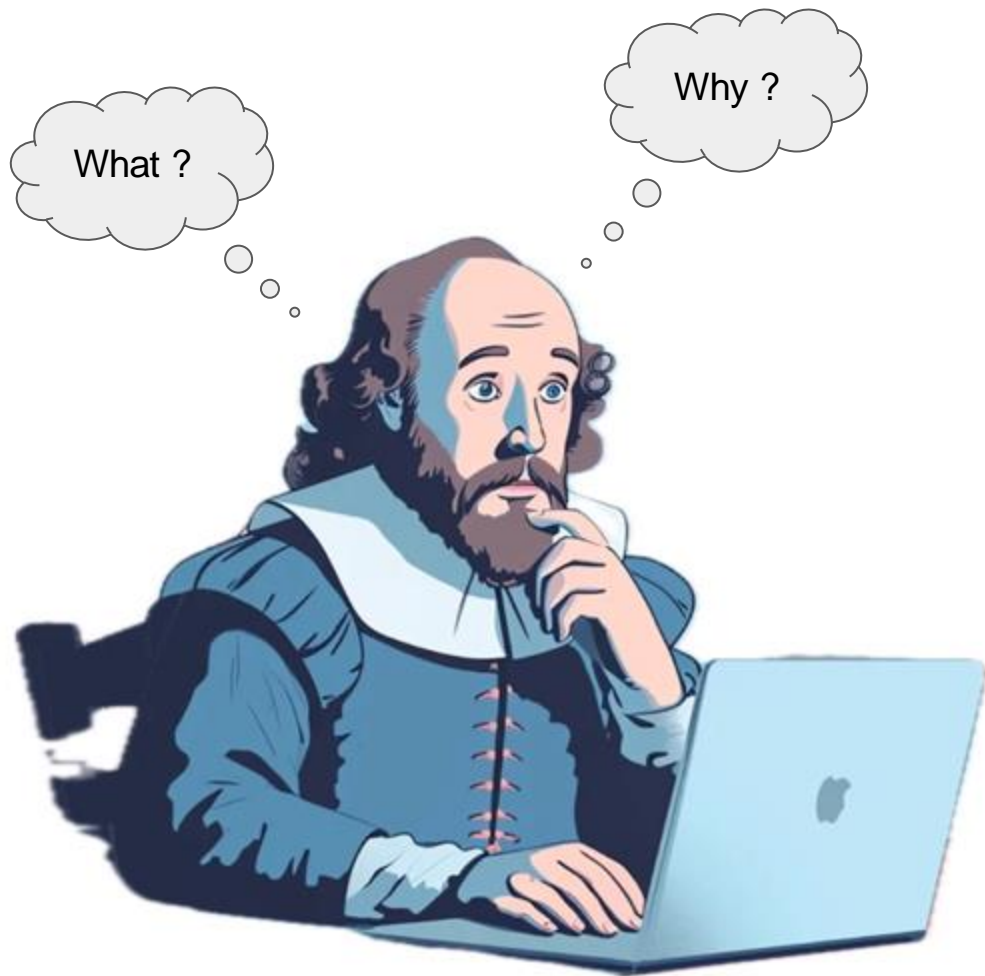




pAIr with Peers

Namaste and Hallo!





**To pair
or
not to pAIr?**

The peers



Introducing Pairing in **Startups** vs **Corporates**



The logo for the Wizarding World franchise, featuring a stylized sunburst or starburst symbol above the words "WIZARDING WORLD" in a serif font.

WIZARDING
WORLD

A close-up shot of Harry Potter, played by Daniel Radcliffe, sitting at a desk in a dimly lit room. He is wearing his signature red and gold striped sweater and round glasses. He is focused on writing a letter with a quill pen. The background is dark and out of focus, showing what appears to be a bookshelf and a lamp.

CLIP

Here comes GenAI into the picture



Challenges and comparisons

Moderating Factors	Human-Human Challenges	Human-AI Opportunities
Task Types & Complexity: pair work better if the task is not too simple and good for collaboration [16, 76]	Hard to design suitable tasks of appropriate complexity level	AI may be used to generate collaboration tasks and adjust tasks complexity
Compatibility: pairs with similar skill levels and compatible working styles work better [16, 70]	Hard to find a similarly skilled or compatible partner	AI partner should adjust to human skill level and adapt to be compatible with different people
Communication: pairs work better with productive conversations [24], and critiques lead to more debugging success [55]	Hard to teach effective communication and constructive criticism	AI partner should support productive conversations and provide critiques
Collaboration: pairs work better with positive interdependence [67] and clear and balanced responsibilities [57]	Hard to teach collaboration and prevent free riders	AI should support positive social interactions and collaboration and avoid over-assist that eliminates human's need to engage
Logistics: pair programming is costly to implement because of management challenges [4, 79]	Hard to schedule and assess individual contributions in a pair	Scheduling is no longer a problem, but humans should be accountable and responsible when using AI-generated code

Risks



Takeaways /poll

Dhanyawaad and Dankeshön!



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