

User in the Loop (UIL)



User-in-the-Loop (UIL) refers to the concept that a technology can produce a positive feedback cycle by engaging its human users.

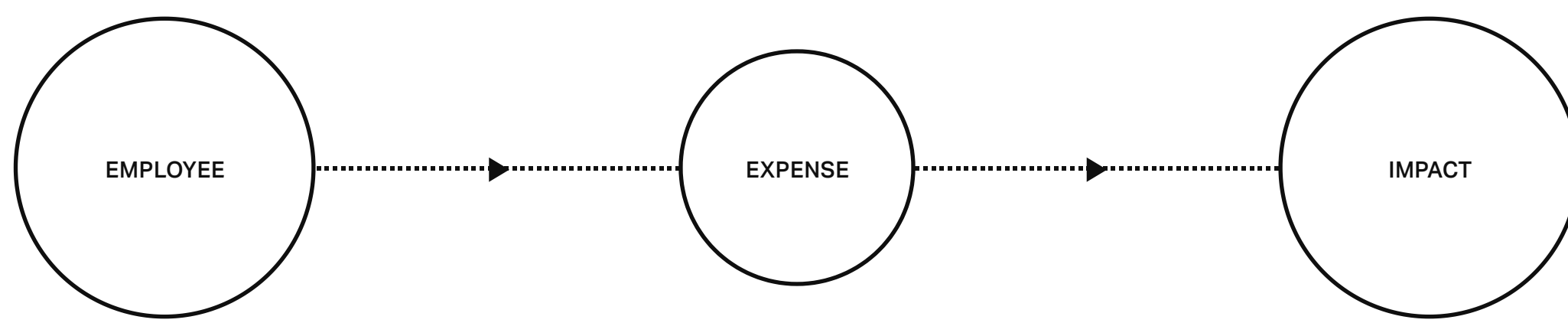
By using your data to keep your workforce regularly informed, organisations can expect marked improvements in efficiencies almost immediately.

How UIL relates to ROI

In Ai systems the most effective machine learning models depend on data that has been prepared by both humans as well as machines. When set up correctly they allow both sides to interact continuously through a mechanism known as "User in the loop" (UIL).

Any business that gathers data can effectively act as its own intelligent system by employing a HITL model where needed, for instance employee expenses. At Finfo we help companies to identify problem expense categories and employ HITL reporting techniques to counter them.

Standard models look like this: a direct line of effect from input to output, in this case the employee and the spend impact of their expense. Data is being gathered but not employed, not fed back into the system to encourage efficiency.

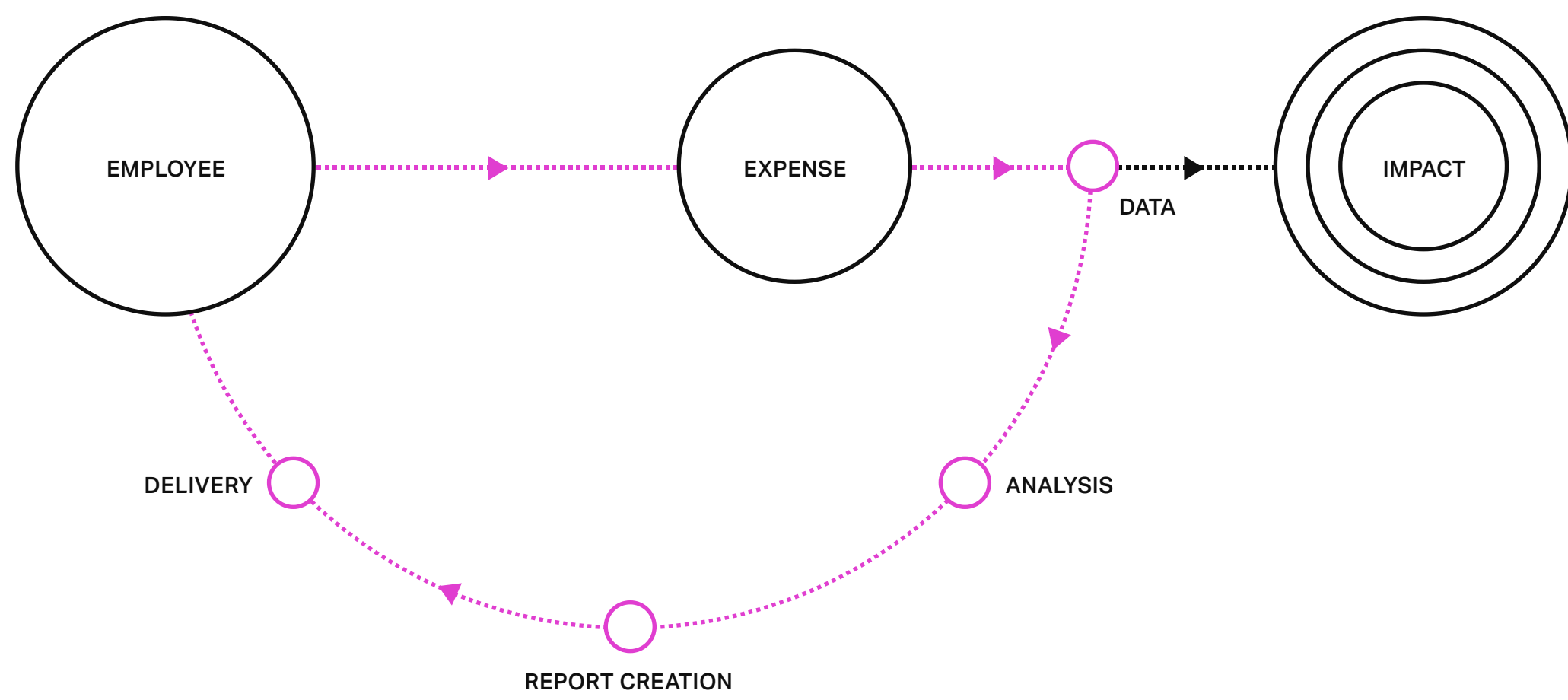


The typical flow of action within a corporation where employee spending is concerned. We can improve on this by taking advantage of the data which is accumulating during this process.

When organisations resemble Ai systems

In the case of an organisation actively using their expenses data to inform their system of spend, a positive feedback loop is formed between the employee and the point of impact.

Our reporting solutions exploit this feedback loop to reinforce better spending habits, all the while gathering more information each time the loop is executed, that can be used to iterate and improve on the existing system.



Visualising UIL in Action

Combining data governance and efficient employee engagement techniques creates a positive feedback loop.

Any Questions?

Book a personal introduction via info@finfo.io