

Do you need AI to make the decision – Recruit Person vs Deploy Software Robot?

With the increase in Minimum Wage from 1st April 2024, is it a difficult decision on whether to recruit a person or deploy a software robot?

The costs, the capacity for work, the reliability and the flexibility all need to be considered.

Feature	Person	Software Robot
Hours per day	8	24
Hours per week (Capacity)	40	168
Minimum Wage – Annual cost	$11.42 \times 40 \times 52 = \mathbf{£23,753.60}$	
Ether Solutions Bronze Service		$£2,000 \times 12 = \mathbf{£24,000}$
Holiday days	20	0.5 x 2 (Software Patching)
Number of Different Tasks	Many	One
Days off sick	?	0

Similar costs but a major difference in Capacity and Flexibility.

Filling 168 hours per week of capacity for a software robot with 1 automated task can be a challenge.

Automating more tasks would cost more but utilise more of the capacity.

Of course, other details such as Pension, Employer’s National Insurance, etc. could be minor factors but the overall balance for similar costs does the business need flexibility or capacity to get work done?

The software robot could run on the same PC that would be allocated to a person.

In case you are wondering, yes a software robot can use AI.

