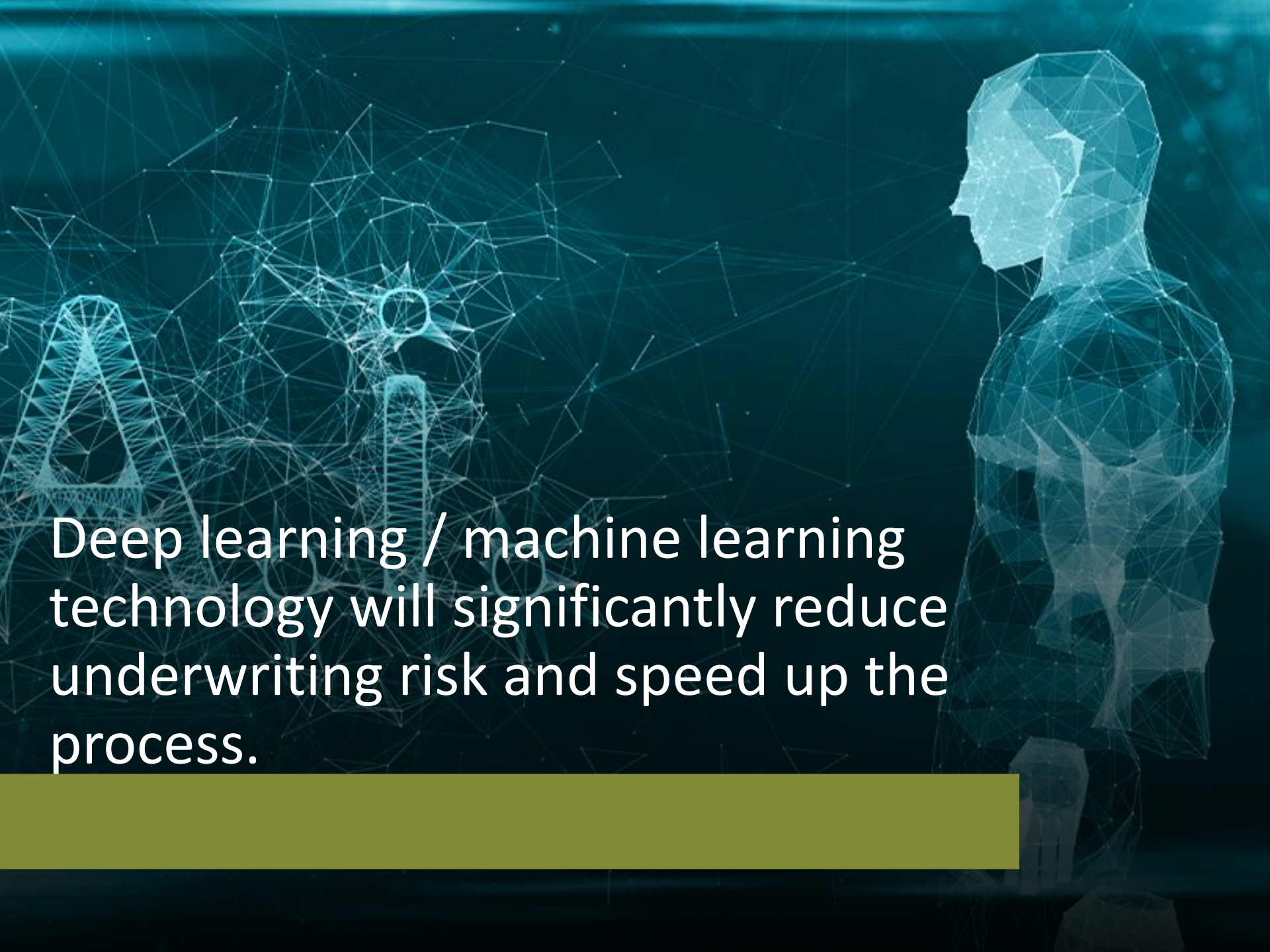# Mortgage Origination Process Improvement Opportunity:

AI/machine learning technologies can significantly reduce underwriting risk and origination cycle time

Target Stakeholder Group: *Internal Teams*

Deep learning / machine learning technology will significantly reduce underwriting risk and speed up the process.

Review of mortgage documentation by AI algorithms would not only speed up the process, it would also reduce risk through better identification of risk patterns and flags.

- Currently, origination processes must collect a very large amount of paperwork from multiple different sources

- Most of that paper is reviewed manually

- AI / ML technology would allow the digitalization and automation of the review of most of that paperwork

- Once that dataset was available to work with, the same technology could then spot risk patterns and flags that humans are currently unable to spot or follow

- This has the potential to greatly reduce overall underwriting risk

The technology to do this is already being implemented in some markets, but JPMorgan Chase & Co. can take a leadership position quickly.

- Some players are already implementing AI / ML technologies

- The risk is no longer technology risk so much as implementation risk

- JPMorgan Chase & Co. has the resources and market clout to quickly take a leadership position in the use of this technology

- The benefits to doing so are many and so are the risks of not doing so