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Embracing Artificial Intelligence

Emerging Use Cases for Payroll

Ella Obreja
Associate Director – Product

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Ella Obreja
Associate Director - Product
Datacom PaySystems

Quick Bio

- Over 20 years of experience developing and growing products in Europe, Australia and New Zealand.
- I started my Product Management career at Vodafone Group in Europe, before moving Downunder to take leadership roles with Telstra, Chorus, Spark Ventures, Lightbox, HealthLink, Paymark and now Datacom.
- My passion is to build products that are human centred - that put people at the heart of the experience and solve problems in simple and intuitive ways.

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Agenda

- AI, ML, DL
- 5 Emerging Uses Cases for Payroll
- AI opportunities for the Future of Work

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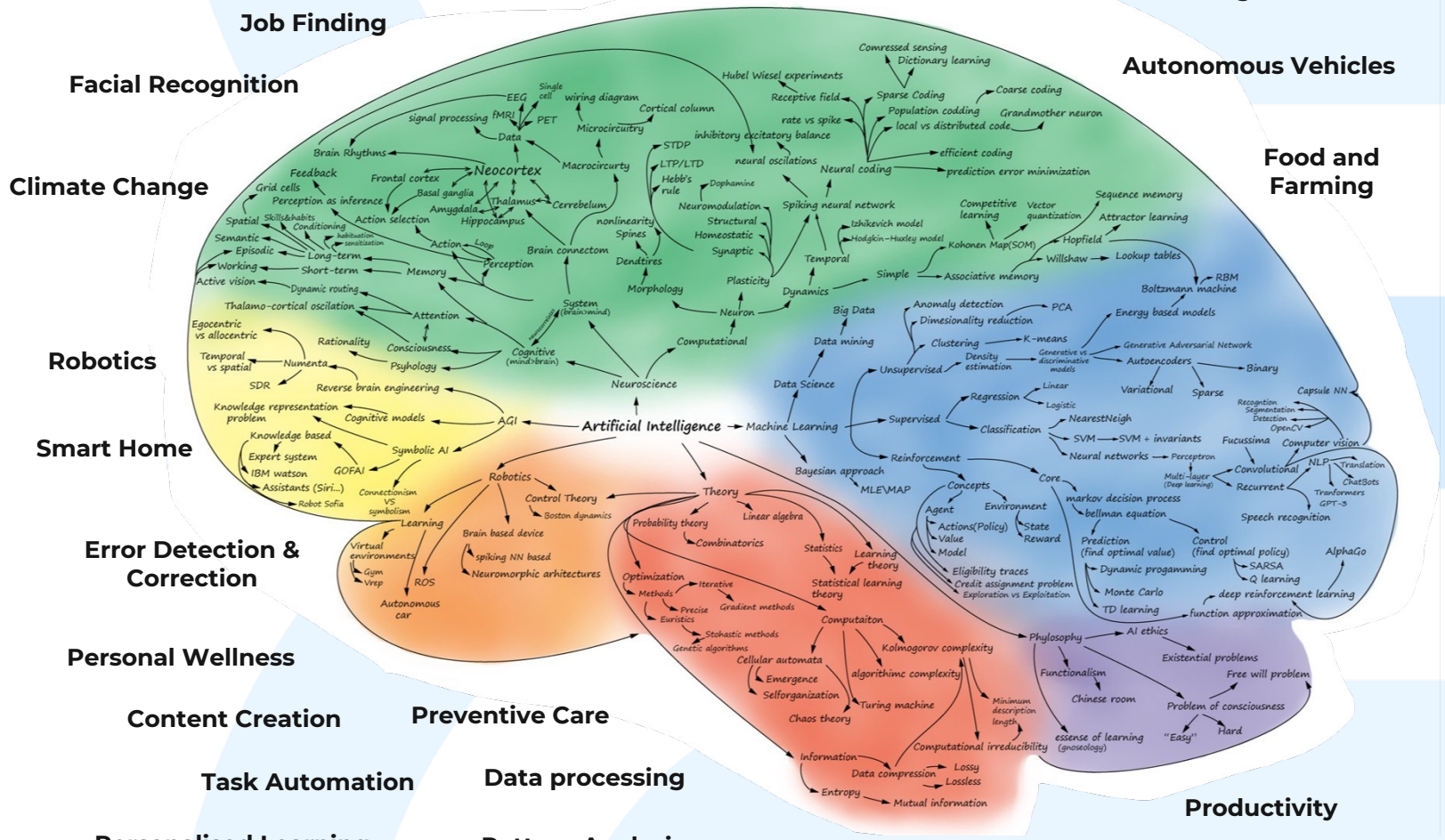
“Every aspect of our lives will be transformed. In short, success in creating AI could be the biggest event in the history of our civilisation.” – Stephen Hawking



https://medium.com/swlh/the-map-of-artificial-intelligence-2020-2c4f446f4e43

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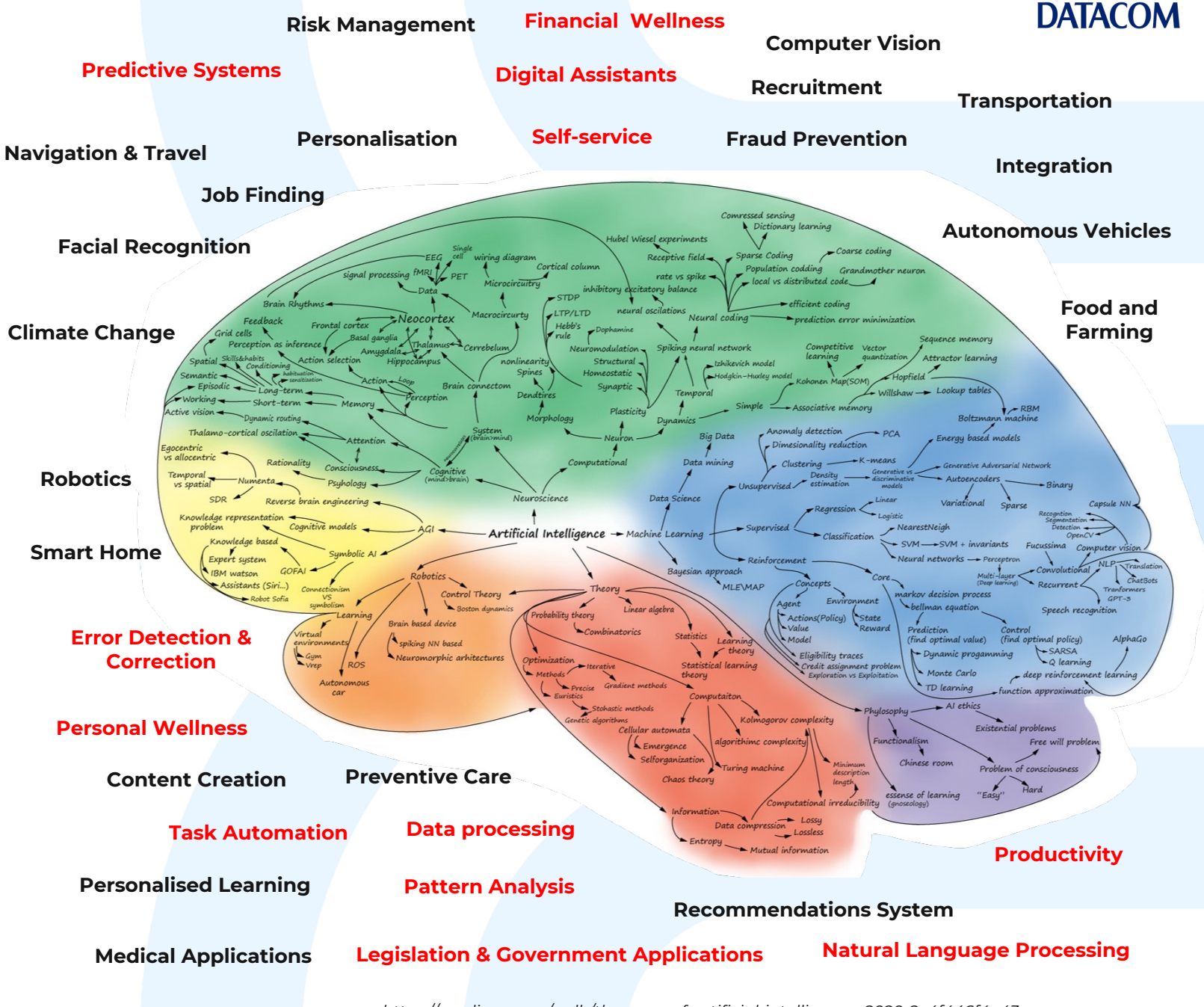

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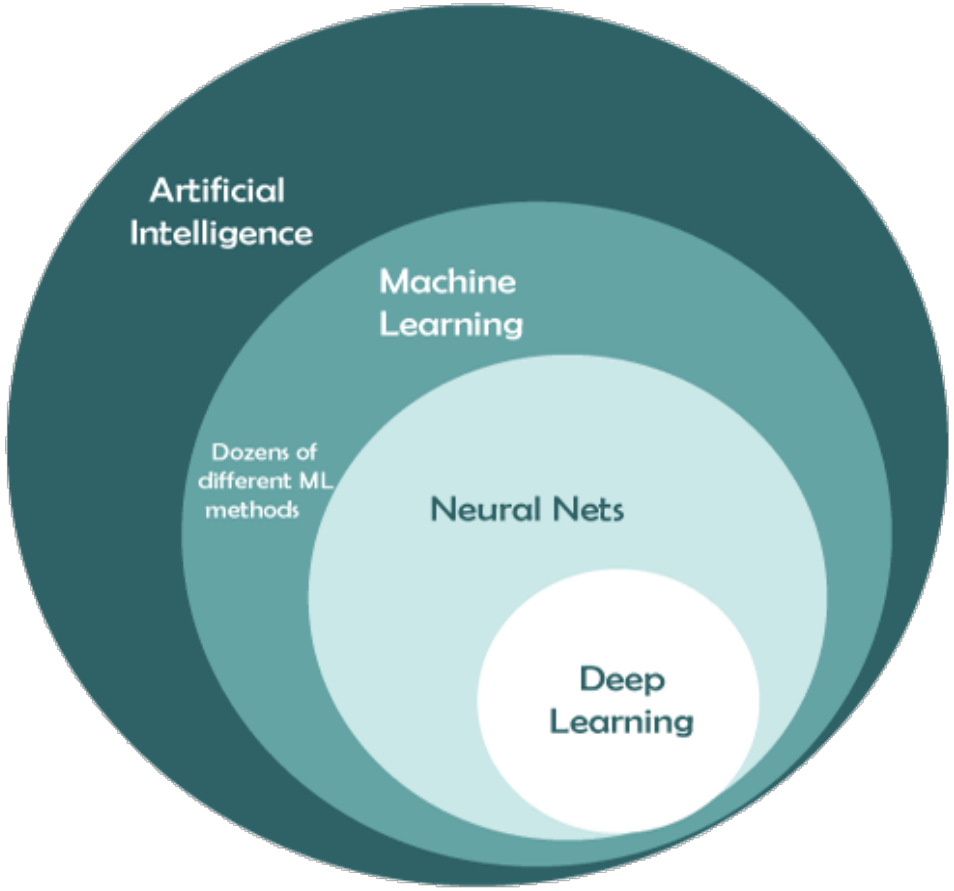
What is Artificial Intelligence?

AI, ML, DL

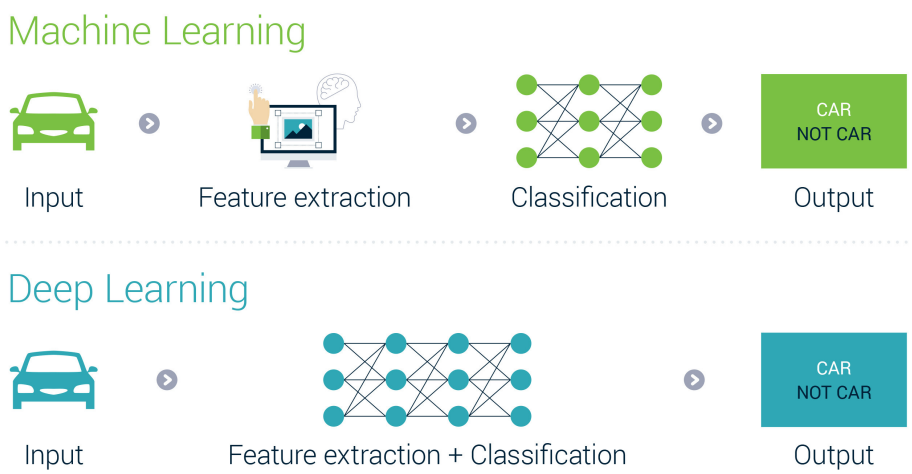


AI is any technique that enables machines to mimic human intelligence. It includes machine learning.

Machine Learning is a subset of AI that enables machines to improve at tasks with experience. It includes deep learning.

Neural Networks are computing networks inspired by the biological neural networks of animal brains.

Deep Learning is a subset of machine learning based on neural networks that enable a machine to train itself to perform a task.



Meet Darcy

Telstra's HR Bot

- With more than 28,000 employees, Telstra needed a smarter way to manage internal queries and self-service functionality.
- Powerd by IBM Watson, Darcy is Telstra's HR virtual assistant can answer queries such as 'How can I check my vacation hours' or 'What is our sick leave policy'.
- Darcy is now being enhanced connect with enterprise wide knowledge bases and systems, and perform simple tasks like sending reminders to enter and submit timesheets and leave.

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Wagestream

Financial Wellbeing for workers

Wagestream is a UK start up that enables workers to access their pay as they earn it. Wagestream are using machine learning to optimise the employee experience:

- Calculate how much on demand pay people can withdraw based on their individual work patterns
- Predict on demand pay requests for each payrun
- Understanding which benefits resonate the most with employees
- Taylor the benefits spend
- Optimise internal communication

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LawVu

Connected Legal Platform

LawVU is a New Zealand start up building a cloud Legal Platform powered by AI and Machine Learning:

- Legal operating system automation – storing, centralising and analysing matters, contracts, files, tasks.
- Document management automation – triaging, reviewing and versioning contracts and other legal documents.
- Interpreting and translating complex legal documents into actionable attributes and patterns.

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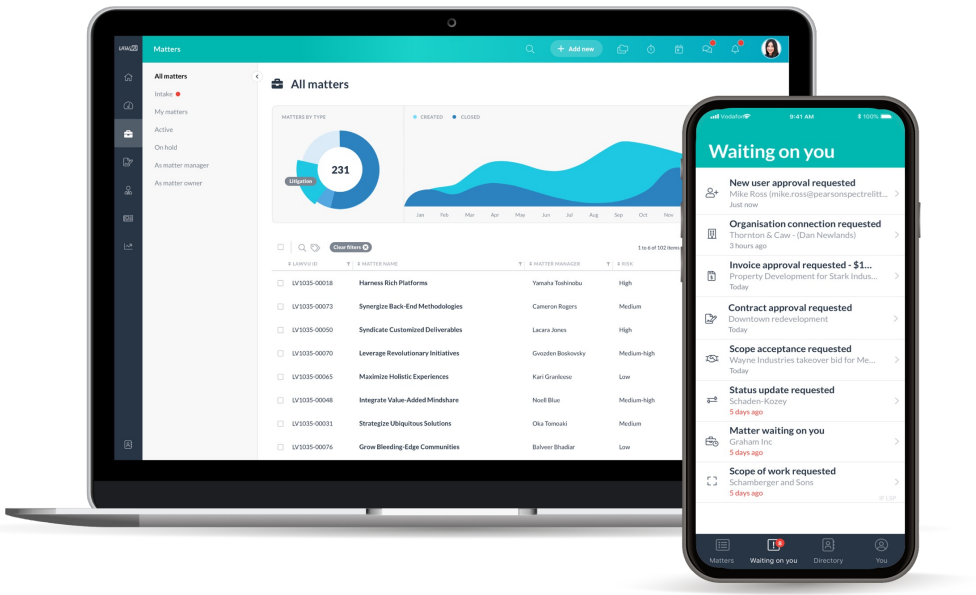
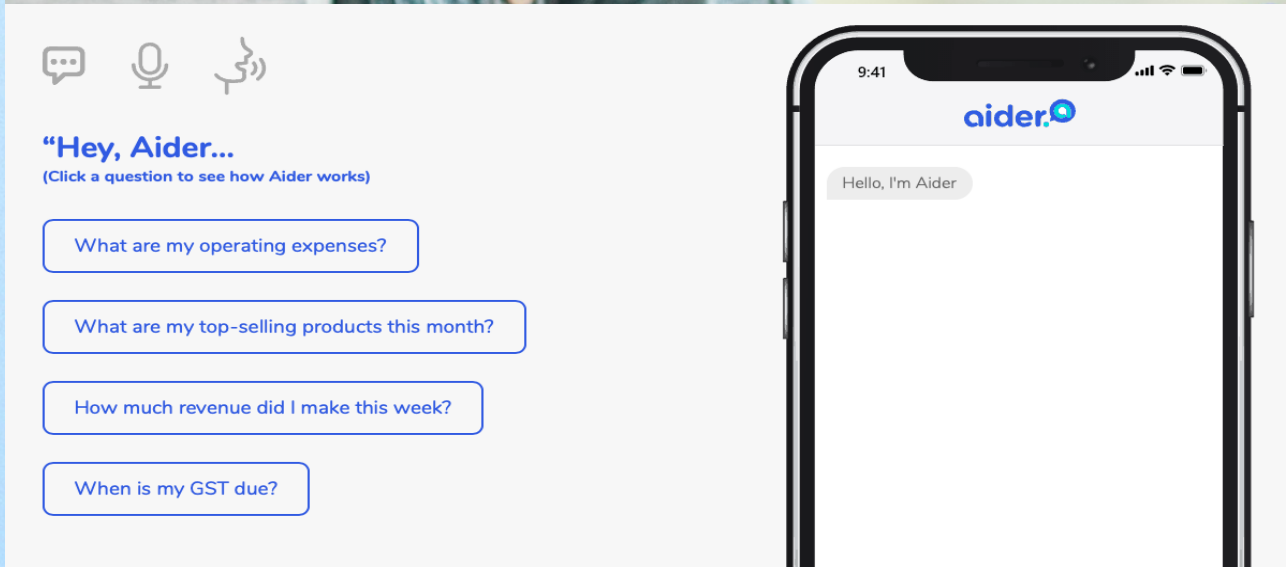


Meet Aider

AI Digital Assistant for Business Owners

Aider is a New Zealand start up providing an AI digital assistant for Small Business Owners:

- Aider connects to all the apps a Small Business Owner uses – accounting, inventory, payroll, rostering, social media, marketing, etc.
- All business data is available on the go, via Aider's conversational AI.
- Aider can schedule daily updates, reminders, provide forecasts and set up actionable tasks.



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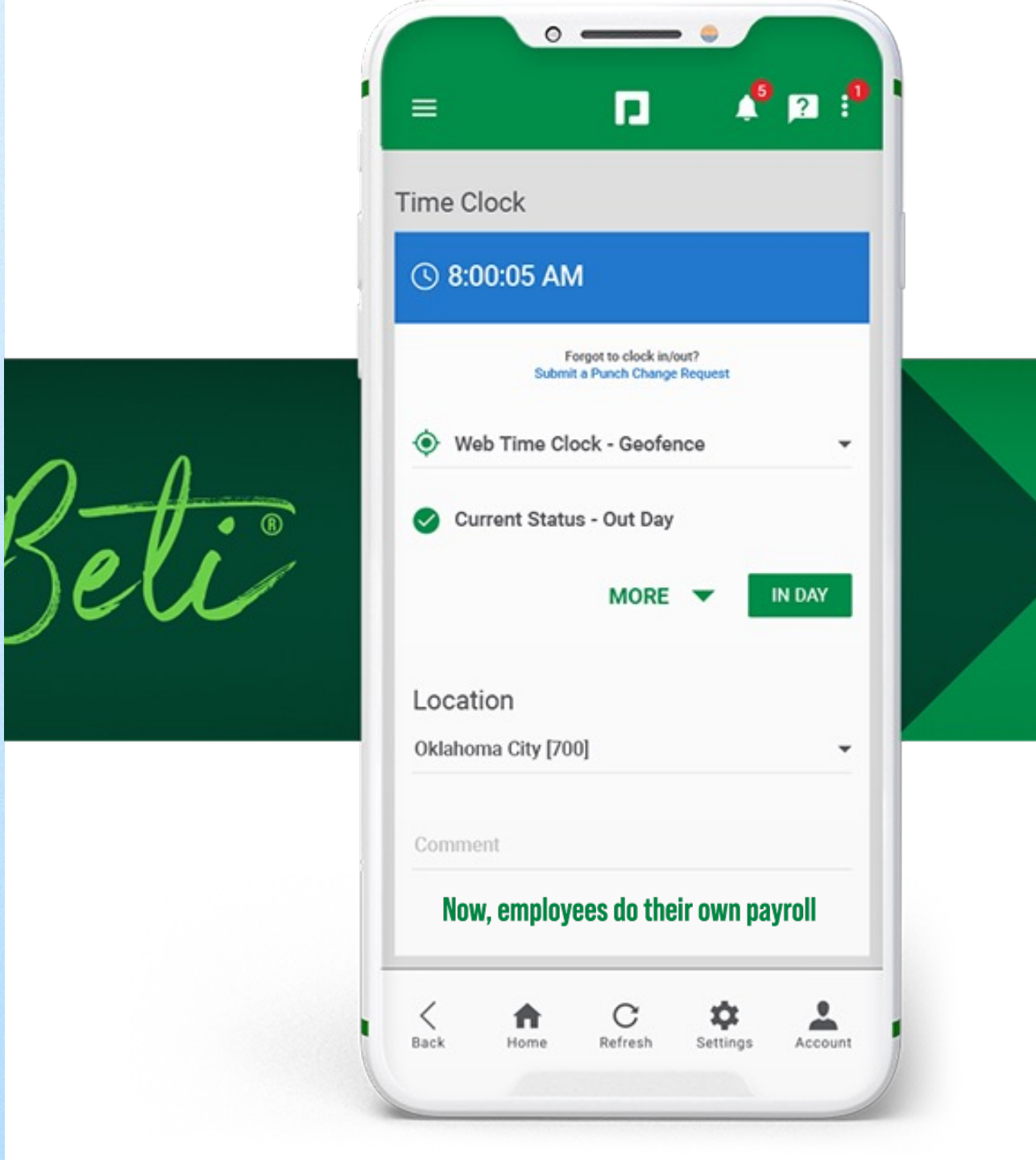
Meet BETI

Paycom's Self-Service Payroll App

BETI is short for Better Employee Transaction Interface, a self-service application that enables employees to manage most tasks involving HR and payroll:

- Employees can manage timecards, benefits, expenses, leave
- Before each pay run, employees can view, troubleshoot, verify and approve their own payroll
- BETI identifies errors and guides employees to fix them before submission
- BETI provides granular visibility of pay and how it is calculated



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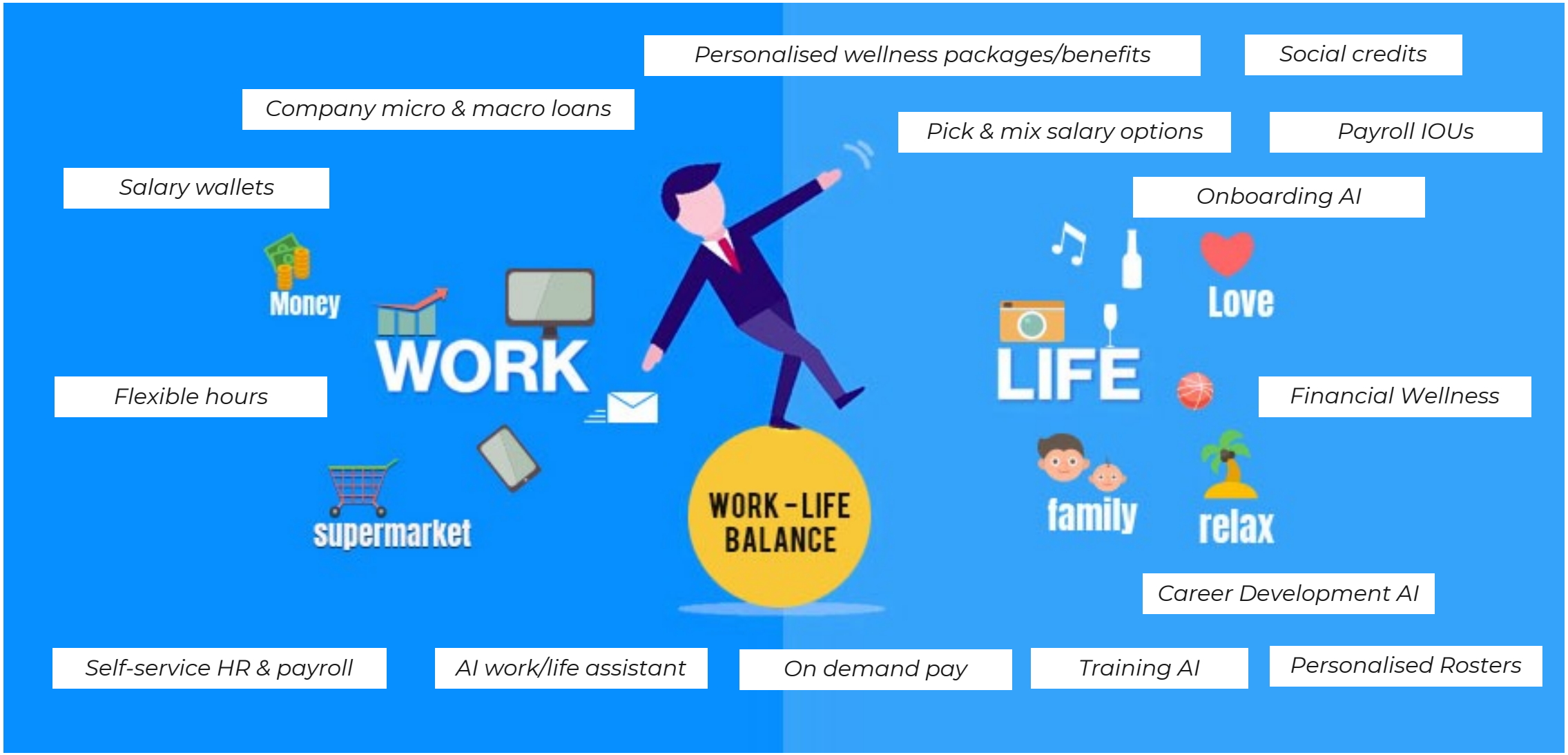
The future of work? It's personal



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