

Automating Justice

rights & liberties in a digital world...



Australian
National
University



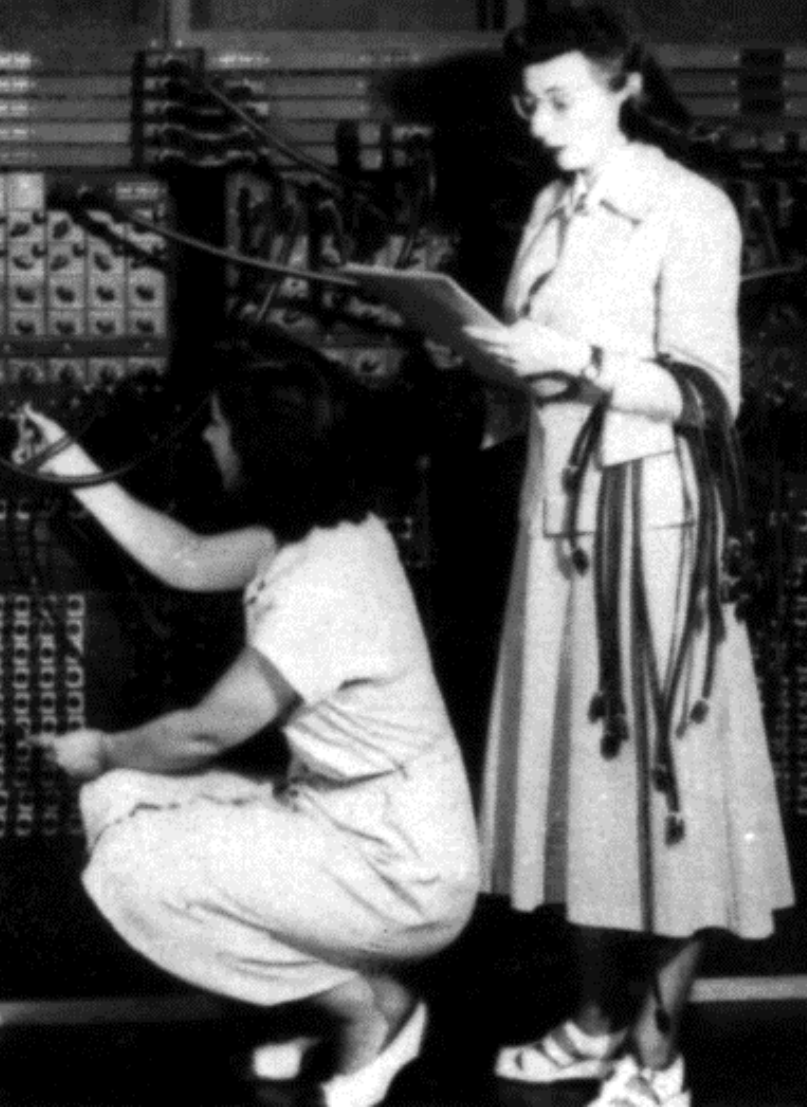
GENEVIEVE BELL | @FERALDATA | JUNE 2018



| introductions

| **DEFINING** Artificial Intelligence

*... make machines
use language, form
abstractions and
concepts, solve the
kinds of problems
now reserved for
humans, and
improve
themselves.*



| so what is AI now?

| data?

| algorithms?

| machine learning?

| sensors & sense making?

| reasoning & action?



| DATA and its discontents



| ALGORITHMS make worlds

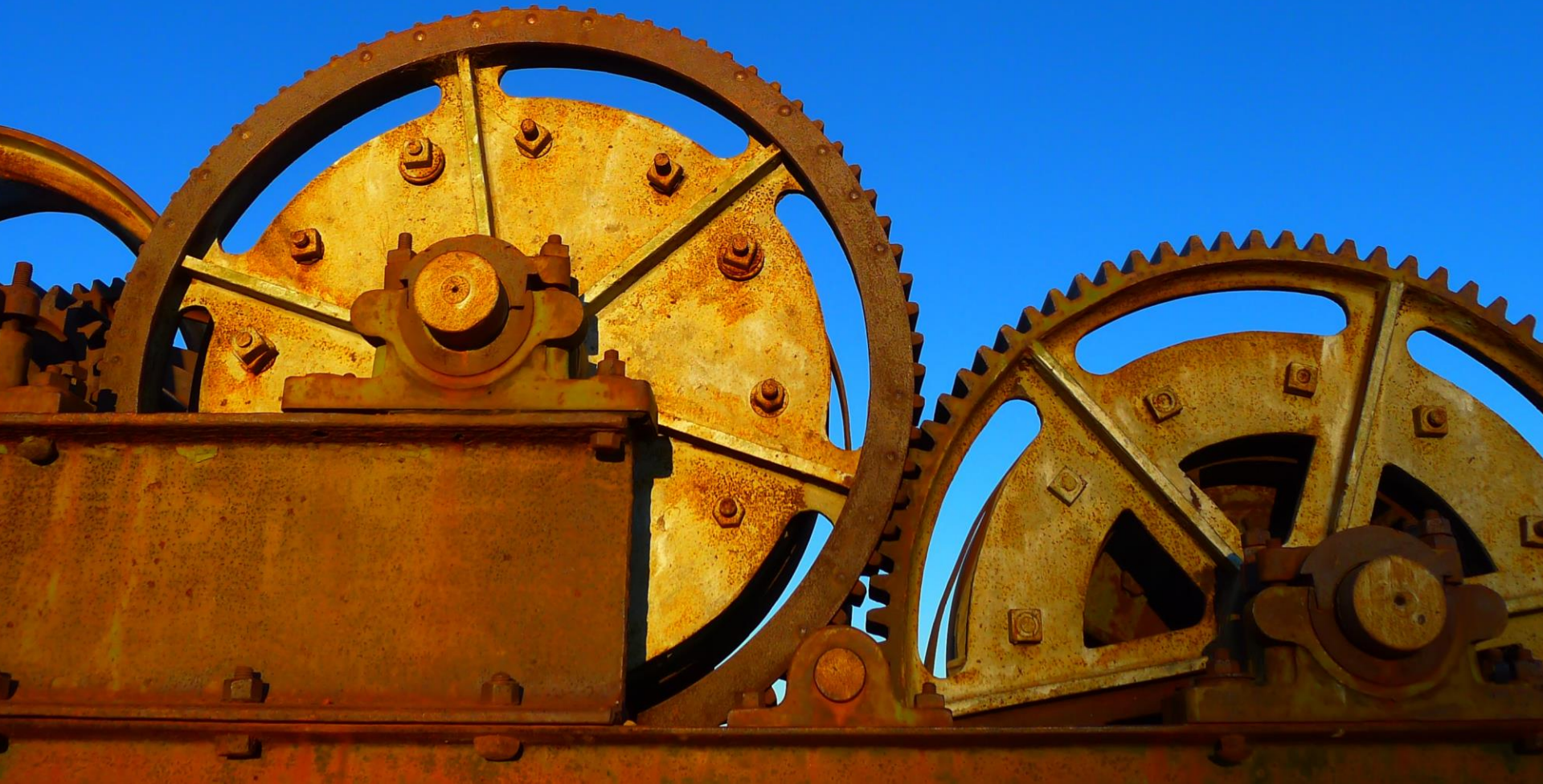
A photograph of a server room. In the foreground, a server rack is visible with several black cables plugged into its front panel. The cables are bundled together and looped over the top of the rack. In the background, more server racks are visible, creating a sense of depth. The lighting is somewhat dim, with light coming from windows or other sources in the distance.

| the complexity of MACHINE LEARNING

| SENSING technologies at scale



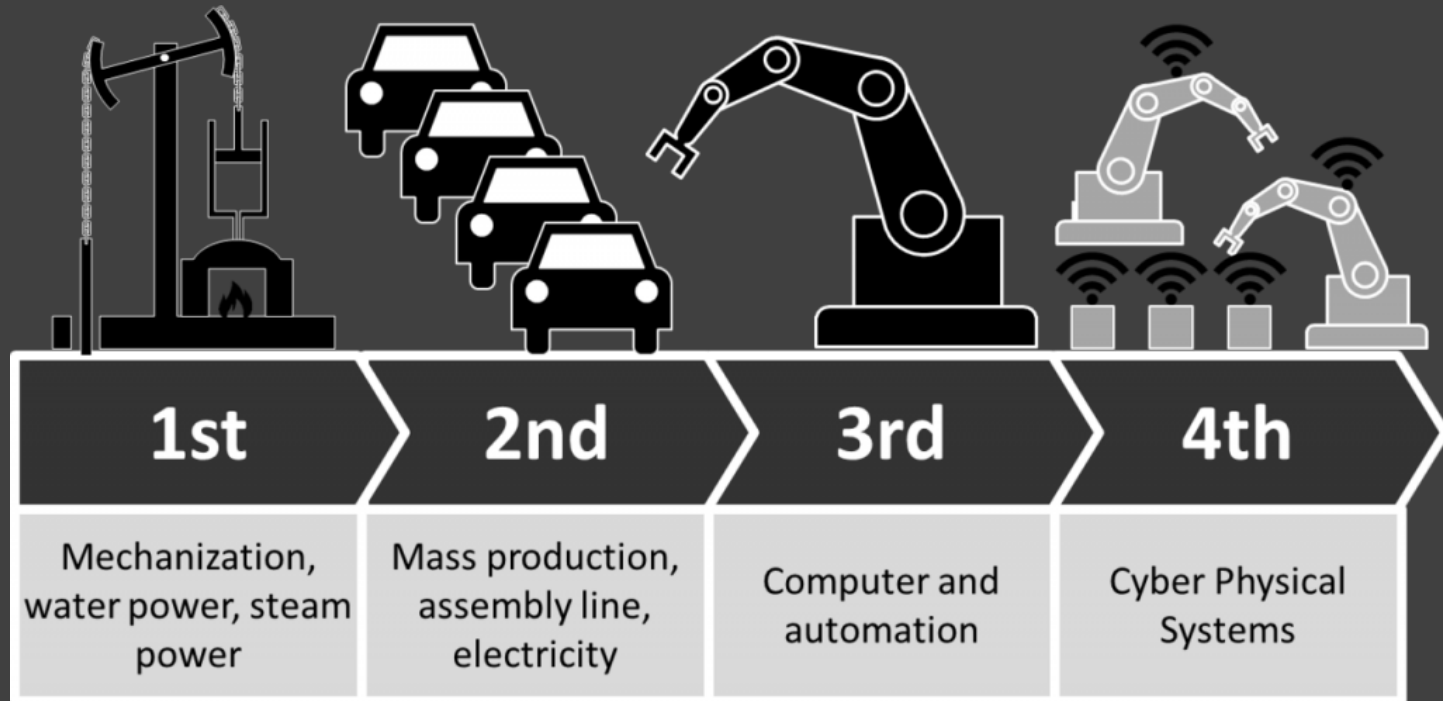
| how will the **SYSTEM** work?





| what about ETHICS for AI?

Challenges of 21st CENTURY AUTOMATION

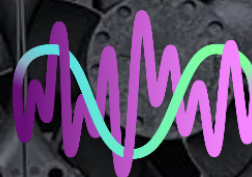


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