

Automation of digital processes and data

Richie Ramsden – Technical Director NICD







NICD: helping clients to solve their own problems with data





NICD aims to get data skills into UK organisations

In order to:

- L. Lower business costs,
- 2. Create new products & services and
- 3. Create compelling customer experiences



Collaborators & Clients



























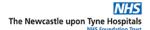














































































Automation in Data and Processes

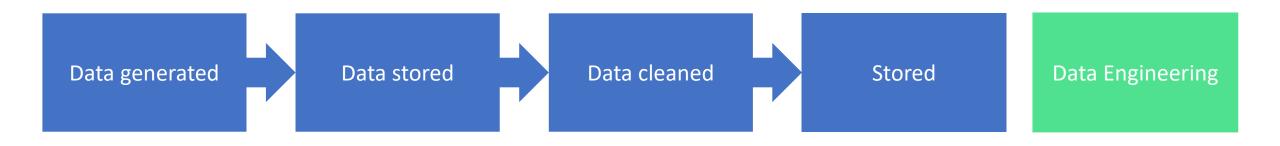
- What is automation in data and processes?
- Types of automation
- When to automate and when to focus elsewhere
- When to Automate and when not to automate



Disclaimer: A mention does not imply endorsement

Automation in data and digital

Data automation should follow a pipeline





BI, Data Analysis, Data Science



Automation allows 'jobs' to be done quicker and easier by more people

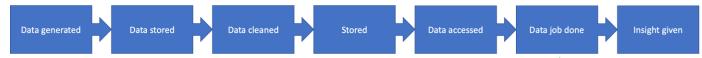
Photographer admits prize-winning image was AI-generated

German artist Boris Eldagsen says entry to Sony world photography awards was designed to provoke debate

Jamie Grierson

y @JamieGrierson Mon 17 Apr 2023 17.49 BST





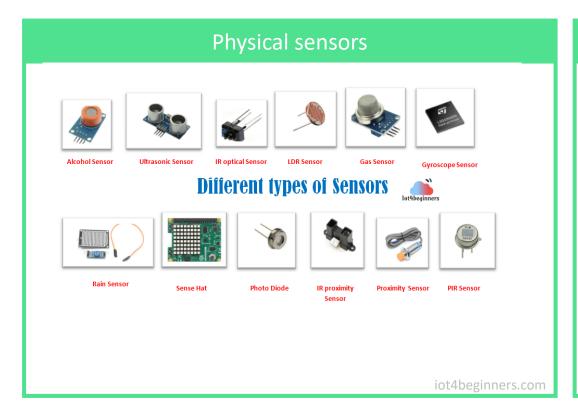


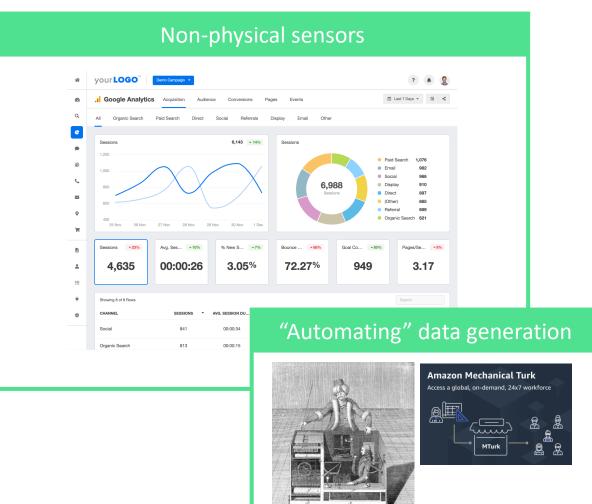






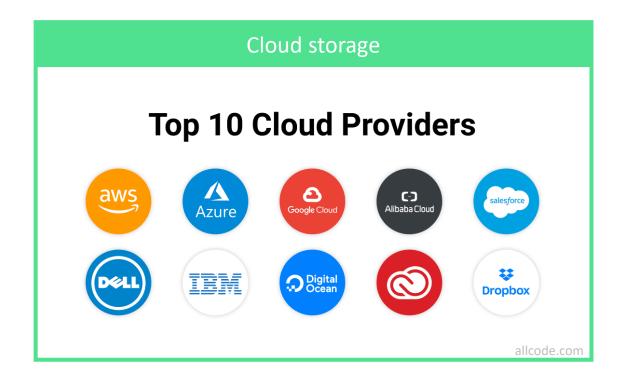
Automating data generation

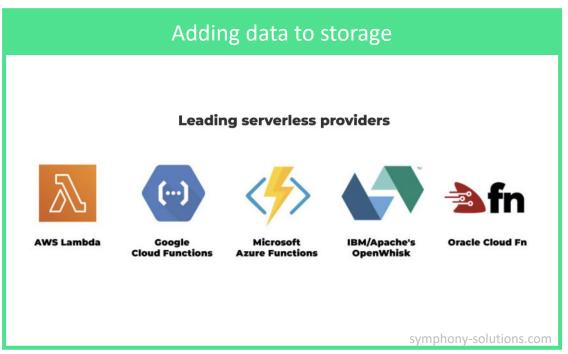






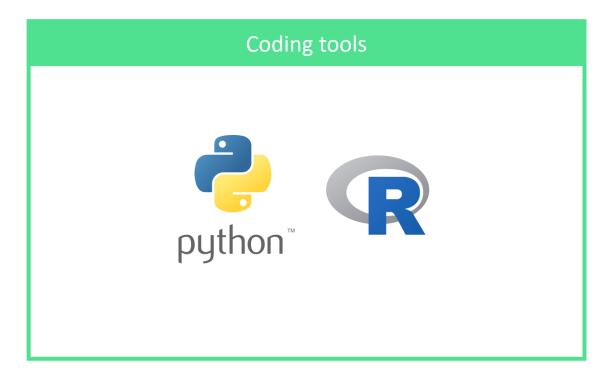
Automating storage

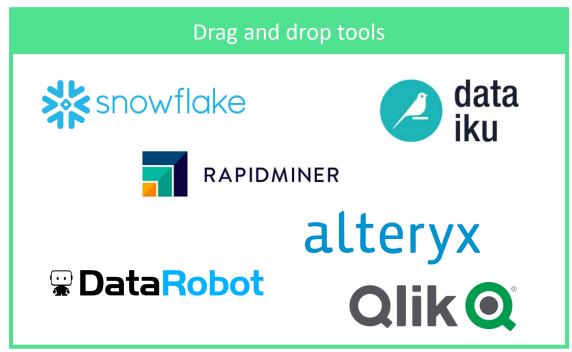






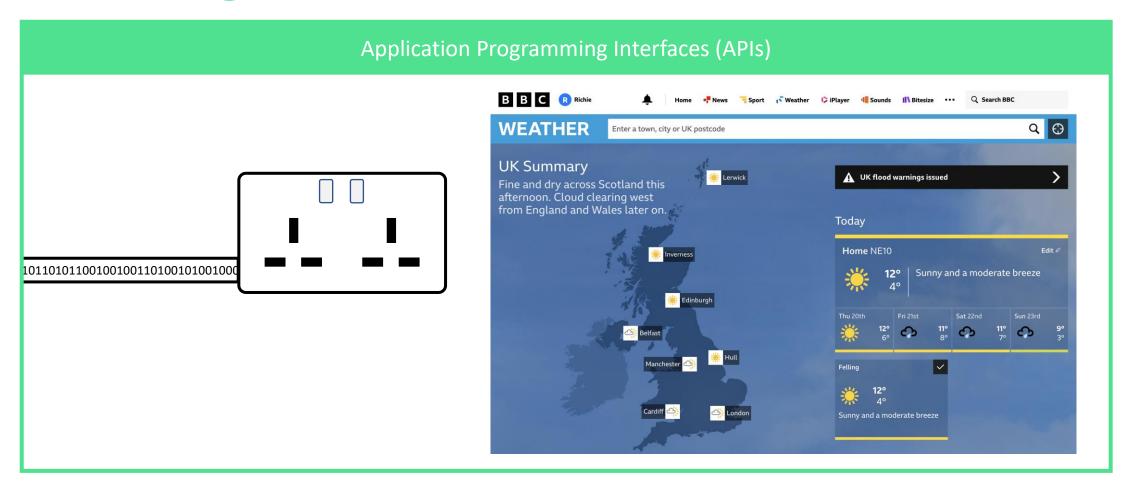
Automating data cleaning





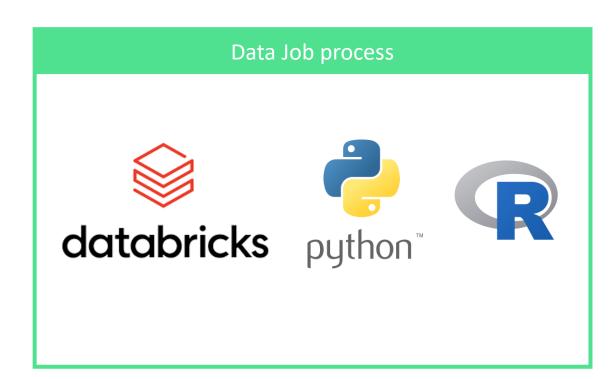


Automating data access





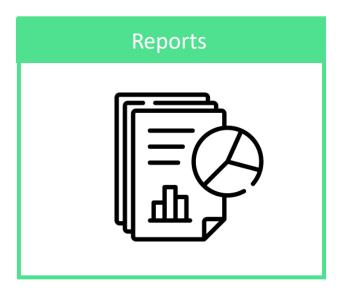
Automating data jobs done



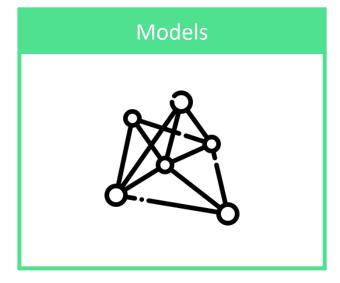




Automating insight given



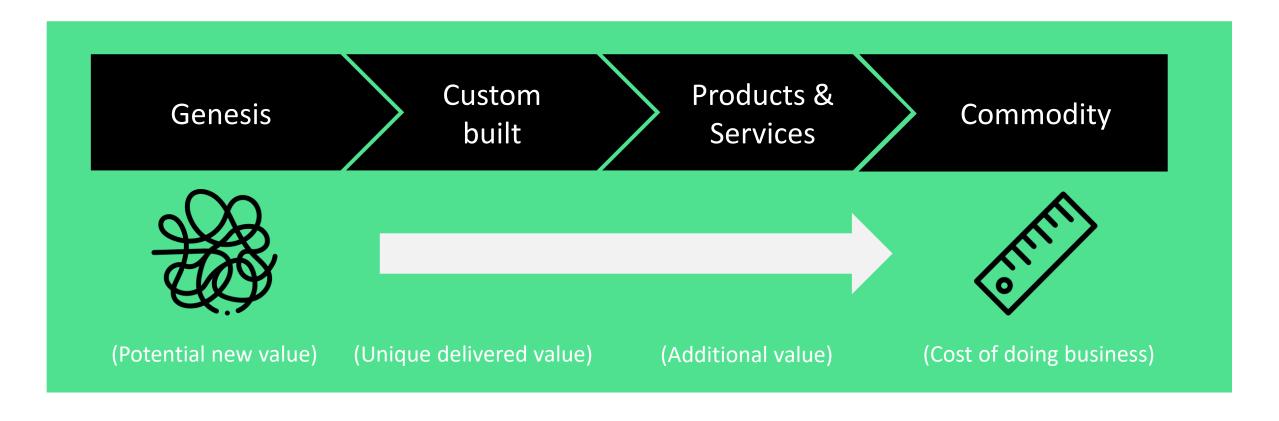






When should we automate?

All ideas evolve and change their characteristics





Focus automation on priority at each stage of evolution

Products & Custom Commodity Genesis built Services Deliver value quick Create additional value Minimise costs and waste



Data and digital automation needs:

- Understand of elements in process
- Understanding of focus needs
- An idea of where to start: capabilities, technology and skills

