Outline

Who am I?

Agenda

History Lesson

* Pre-computerf spreadsheets
* Early computing spreadsheets
* Democratized computing and spreadsheets
* Modern day spreadsheets (LONG LIVE EXCEL!)

Manual Processes

* Manually gathering of data
* Sharing manually collected data
* Issues and challenges
* How to overcome this

Automation

* ETL Processes (High level)
* Workflow automation
* Power Automate Demo
* Reporting Automation
* Power BI Demo

Automation with AI and ML

* Second wave of Democratization
* Robotic Process Automation
* RPA Power Automate Demo
* Computer Vision
  + Easily accessible with cloud technology (Microsoft Cognitive Services)
* Microsoft Cognitive Services Demo
  + Read a scanned file <https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/concept-recognizing-text>