
AUTOMATING YOUR BUSINESS:

USE A COMPUTER TO EXECUTE SPECIFIC BUSINESS PROCESSES





AUTOMATING YOUR FIRST PROCESS DRIVEN BUSINESSES

AUTOMATING BUSINESS PROCESSES

- Process Driven Businesses – Each task has expected output based on a given input.
 - Chaining tasks: ideally the output of task 1 in the input for task 2 without requiring intermediary tasks
 - Intermediary tasks are unavoidable for now – opportunity for automation entrepreneurs.
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WHAT CAN BE AUTOMATED? WHAT CAN'T?

- Human facing input – robots frustrate most people.
 - Bots are great at doing math and analysis (fintech, bioinformatics, etc)
 - People need to know methods which are typically IP bound – increase in value of method patents.
 - Anything that can be done by you on the computer via Sikuli
 - Anything in your browser via visual or code recognition
 - Anything that can run in a shell script (applescript, vba, or bash)
 - Questions to guide you:
 - What are the current limitations of today's tech and price points?
 - Estimated applications in the future?
 - What supporting tech/industries will be required to maintain these applications?
 - What should be automated? What should not? Why or Why Not?
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MACHINE LEARNING AND NEURAL NETWORKS

- Tensorflow requires either CUDA, or A LOT OF CPUS (not feasible to implement IRL), or TPUs (google's method)
 - CUDA is proprietary to Nvidia and would require an Nvidia Card with CUDA processing cores to run any type of DNN.
 - Insights:
 - Supervised data sets are important: Just like a parent provides a good environment for their child to learn in, you have to make sure you're teaching your robot with a supervised data set with all the correct things when they're younger.
 - Eg: in pattern recognition you need clear examples of each case to teach the bot/ml/or set the appropriate weight or activation threshold in your neural network
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APPLICATIONS IDEAS

- Make fintech automation to connect various tech and analysis/signals platforms to all other brokerages
 - An office admin program that sorts your spreadsheet and sends out all your emails to each mailing list
 - Perhaps you want to become an FBA or dropship contractor – a quick system to sort and print shipping labels in house on the office computer you already have running all day.
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QUESTIONS. ASK ME ANYTHING

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