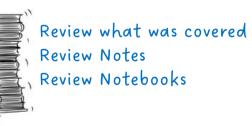
Assessment



What do I need to do? Where do I start?

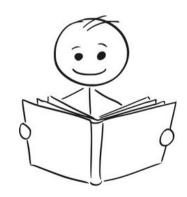


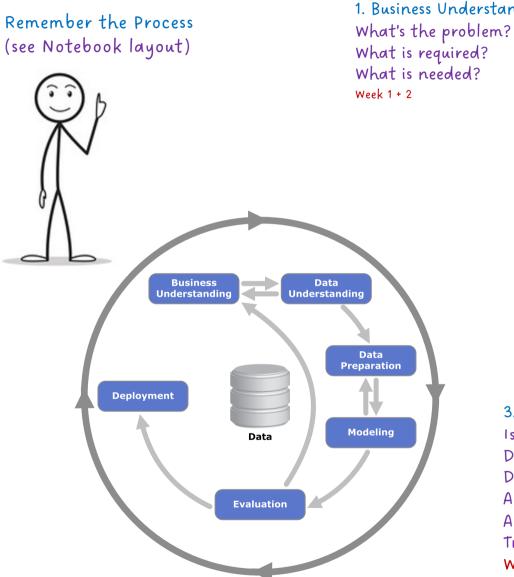






Read the assessment Read data description What can I figure out?







What is required?



2. Data Understanding

What data do you have? Can you load the data? Can you do some Charts? Can you do some Stats?

What can you learn about the data

from doing this?

What's your understanding of the data?

Any low-hanging fruits?

Week 2 + 4

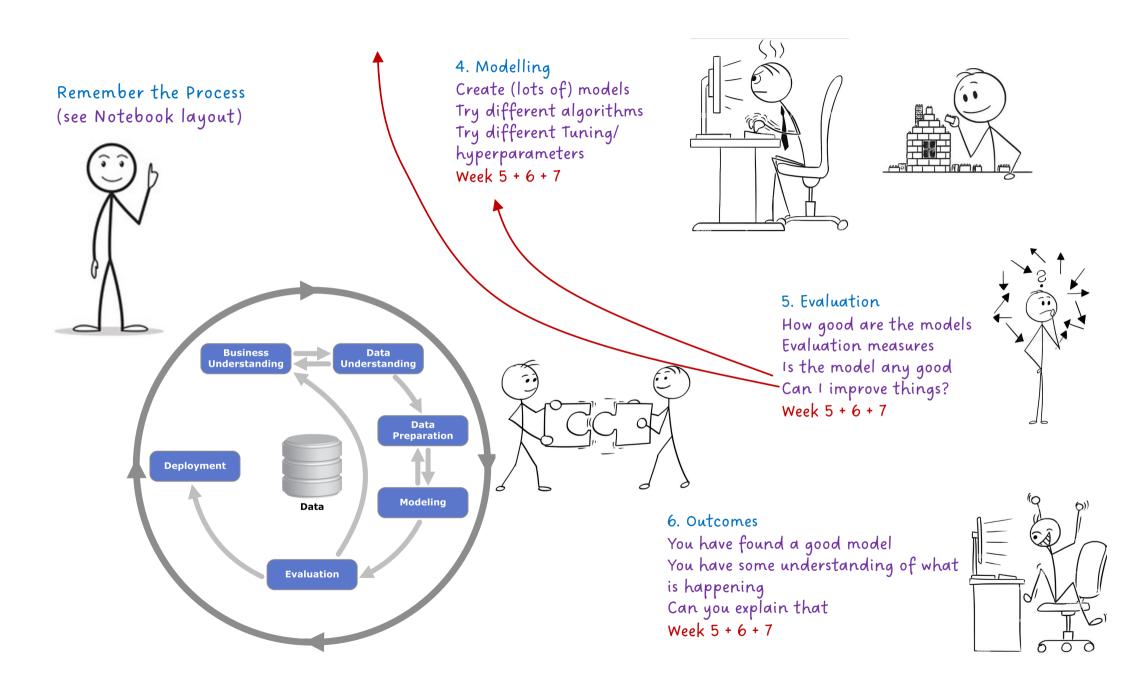
3. Data Preparation

Is the Data Clean?

Do I need to do any Data Cleaning? Do I need to do any Data Transformations? Are there any features I need to remove & why? Anything else I need to do with the data? & why? Training & Test datasets.

Week 4 + 5

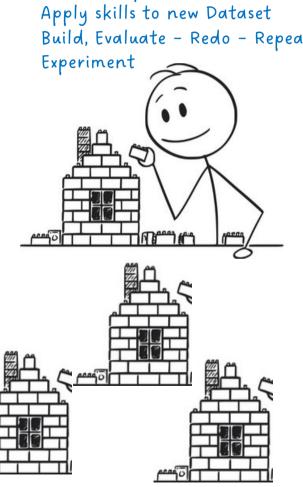




Notes Notebooks Different Datasets Toolbox of skills

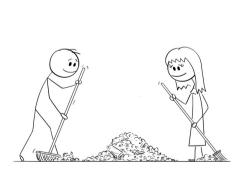


New Dataset Follow the process Apply skills to new Dataset Build, Evaluate - Redo - Repeat



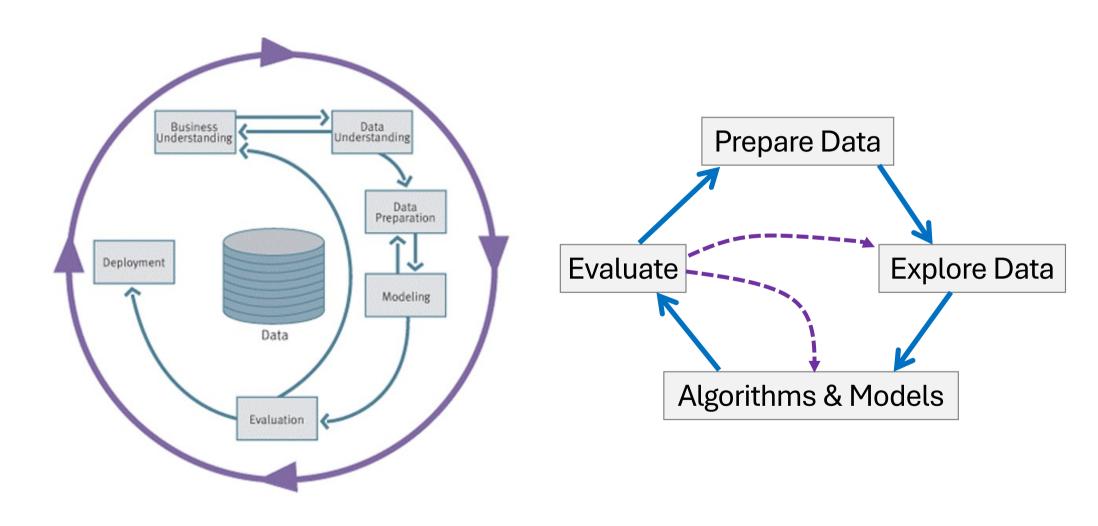
Can you do it? Some - is ok Lots - is great How much can you do? How good is your solution? Can you explain it? Tidy up everything

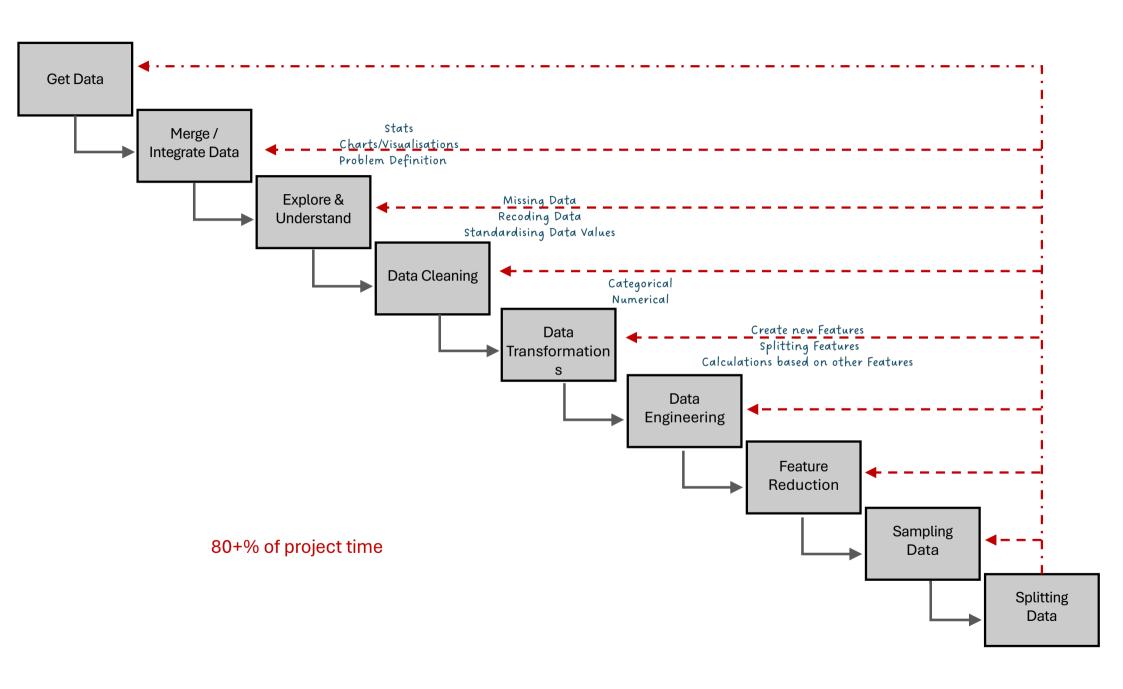






The work is Iterative



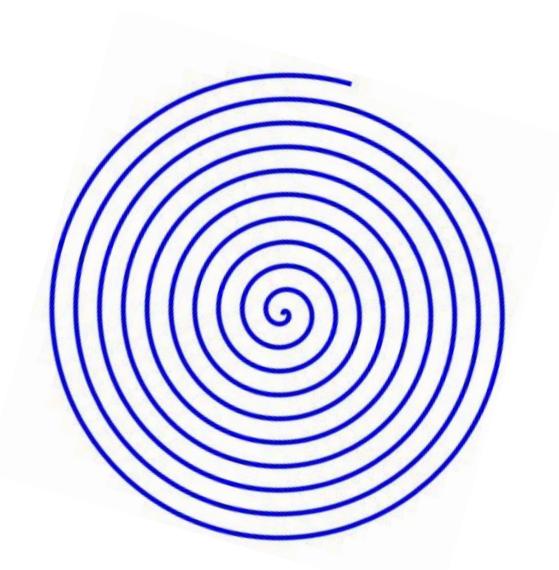




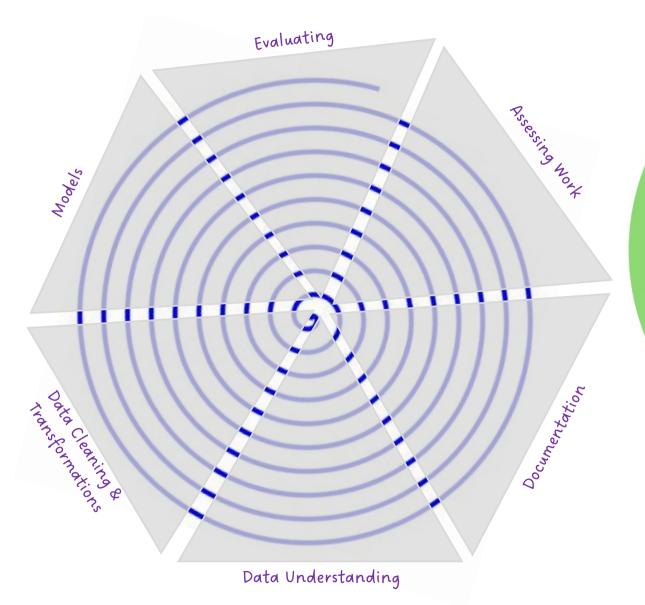
Business Problem

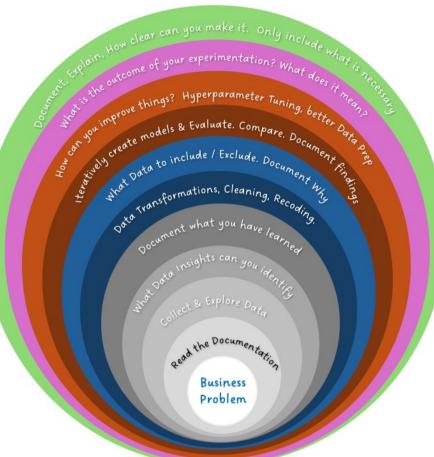
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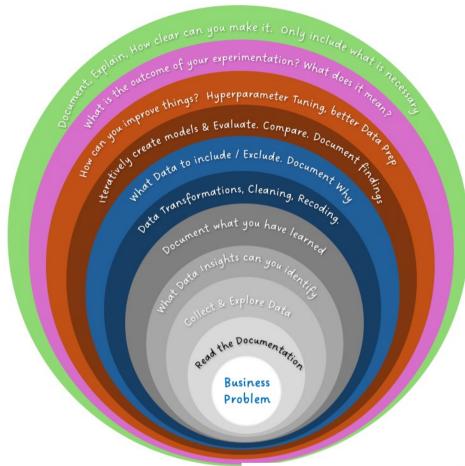
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Documentation is Key

- Explain each step
- · Explain why you included/excluded features or other things
- Explain what is shown in a table/diagram/chart etc
- If you do something, can you explain Why and what you Learned
- Explain what you learned or discovered at each step.
- · How would you explain this to your Boss? If this was for work?
- · You don't have to document everything just the cleaned-up process
- Add as Comments or as Markdown
 - · Comments for Code
 - Markdown for discussion
- Experimentation is Key
 - Iterate Non-linear
 - Evolve with each Iteration (you might Discover something and have to go back to fit it in and re-do)
 - Discuss with Team/Group You will learn from each other This is part of the learning process
 - · There isn't (necessarily) one correct solution. There could be many. "It Depends!"





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