



# How to Approach the Course







- Materials for the course
  - > Code
  - > Presentations
  - ➤ Datasets
- How to approach the course
- Please don't skip this section!

## "Theoretical" sections 2 and 3



- Model deployment and why it matters
- Research and production environments
- Machine learning systems architecture
- Challenges and principles of designing the systems architecture
- Practical overview no code



## Section 4 - Research Environment

#### First half

- "Theoretical" overview of the ML pipeline steps
  - Data Gathering
  - > Feature engineering & selection
  - Model building & assessment

#### Second half

- Practical implementation of all of the above
- With code





## Sections 5 onward: Production Code

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```

- Package the model
- Create a model API
- Deploy to PaaS
- Testing
- · More...
- Hands on model deployment The gist of the course







## What does this mean for you?

Where should you start?

## Depending on your level and interest

I am at early stages of my career

Follow the course in order

I want to code straightaway

Start from the 2<sup>nd</sup> half of section 4

I am an experienced data scientist

Skip section 4

I am an avid programmer but haven't done ML before

Section 4 gives overview of the process





## THANK YOU

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