How to Approach

the Course

Section 1

- 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**
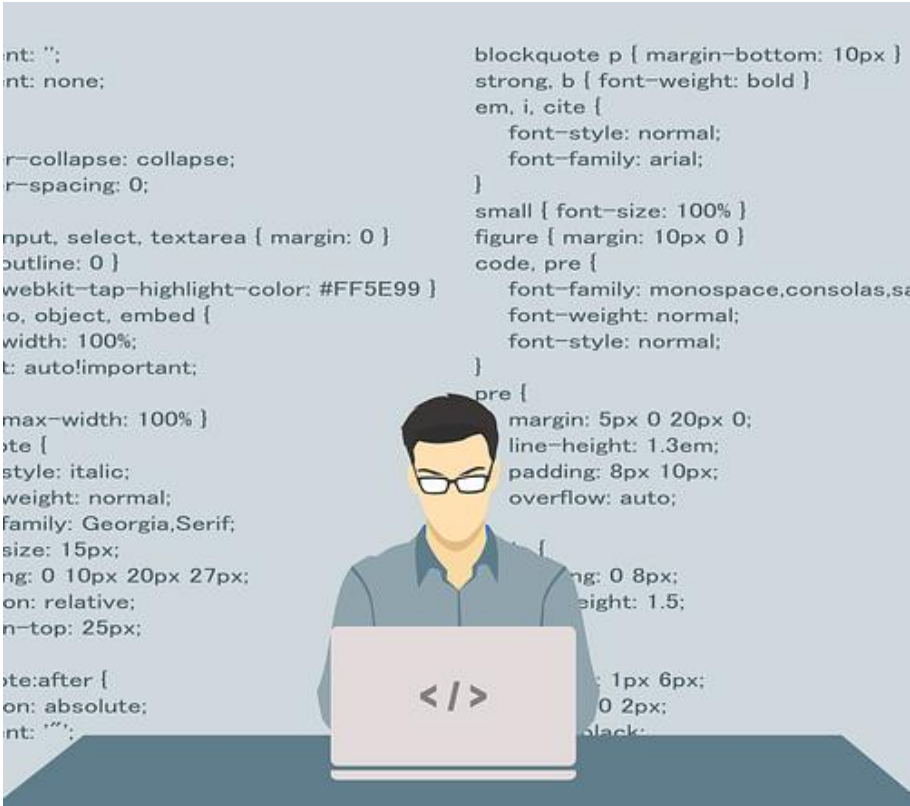
Section 4 - Research Environment

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

- 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	I want to code straightaway	I am an experienced data scientist	I am an avid programmer but haven't done ML before
Follow the course in order	Start from the 2nd half of section 4	Skip section 4	Section 4 gives overview of the process