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Welcome

Introduction

- Video: Welcome 6 min
- Video: What is Machine Learning? 7 min
- Reading: What is Machine Learning? 5 min
- Reading: How to Use Discussion Forums 4 min
- Video: Supervised Learning 12 min
- Reading: Supervised Learning 4 min
- Video: Unsupervised Learning 14 min
- Reading: Unsupervised Learning 3 min
- Reading: Who are Mentors? 3 min
- Reading: Get to Know Your Classmates 8 min
- Reading: Frequently Asked Questions

Notes Discuss

Introduction  
Supervised Learning

Machine Learning

0:00 / 12:29

Save note Download

Step 1: Save note on the video you want to screenshot

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Machine Learning definition

He says, a computer program is said to learn from experience  $E$  with respect to some task  $T$  and some performance measure  $P$ , if its performance on  $T$ , as measured by  $P$ , improves with experience  $E$ .

What is Machine Learning?

1:48 - 2:00

Edit Delete

The main two types are what we call supervised learning and unsupervised learning.

What is Machine Learning?

4:02 - 4:07

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Whereas in unsupervised learning, we're going to let it learn by itself.

Machine Learning algorithms:

- Supervised learning
- Unsupervised learning
- Other: Reinforcement learning, recommender systems.

Also talk about: Practical advice for applying learning algorithms.

Step 2: Proceed to your notes that you want to compile into a PDF file

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What is machine learning? In this video, we'll try to define what it is and also try to give you a sense of when you want to use machine learning.

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He says, a computer program is said to learn from experience  $E$  with respect to some task  $T$  and some performance measure  $P$ , if its performance on  $T$ , as measured by  $P$ , improves with experience  $E$ .

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Back Alt+Left Arrow

Forward Alt+Right Arrow

Reload Ctrl+R

Save as... Ctrl+S

Print... Ctrl+P

Cast...

Send to your devices

Create QR Code for this page

Translate to English

AdBlock — best ad blocker

View page source Ctrl+U

Inspect

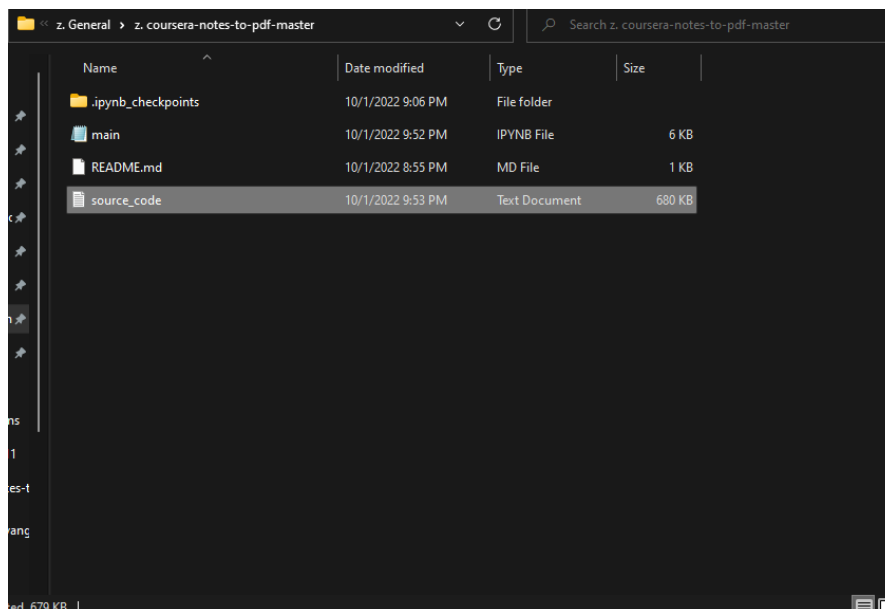
Step 3: Right click and view page source

```

1 <!DOCTYPE html> <html> <head> <meta charset="utf-8" /> <meta http-equiv="X-UA-Compatible" content="IE=edge" />
2 <title> Coursera - Iconfont </title>
3 <script src="https://d3njjcbhhojbot.cloudfront.net/web/bundles/styleguide/icons/fonts/coursera_v26.eot"></script>
4 <script src="https://d3njjcbhhojbot.cloudfront.net/web/bundles/styleguide/icons/fonts/coursera_v26.eot?iefix"></script>
5 <script src="https://d3njjcbhhojbot.cloudfront.net/web/bundles/styleguide/icons/fonts/coursera_v26.woff"></script>
6 <script src="https://d3njjcbhhojbot.cloudfront.net/web/bundles/styleguide/icons/fonts/coursera_v26.woff2"></script>
7 <script src="https://d3njjcbhhojbot.cloudfront.net/web/bundles/styleguide/icons/fonts/coursera_v26.ttf"></script>
8 <script src="https://d3njjcbhhojbot.cloudfront.net/web/bundles/styleguide/icons/fonts/coursera_v26.svg"></script>
9
10 <script src="https://d3njjcbhhojbot.cloudfront.net/web/type/opensans/Opensans-Light.eot"></script>
11 <script src="https://d3njjcbhhojbot.cloudfront.net/web/type/opensans/Opensans-Light.eot?iefix"></script>
12 <script src="https://d3njjcbhhojbot.cloudfront.net/web/type/opensans-v17-latin-latinext-cyrillic/opensans-300.woff2"></script>
13 <script src="https://d3njjcbhhojbot.cloudfront.net/web/type/opensans-v17-latin-latinext-cyrillic/opensans-300.woff"></script>
14 <script src="https://d3njjcbhhojbot.cloudfront.net/web/type/opensans/Opensans-Light.ttf"></script>
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17 <script src="https://d3njjcbhhojbot.cloudfront.net/web/type/opensans/Opensans-Regular.eot"></script>
18 <script src="https://d3njjcbhhojbot.cloudfront.net/web/type/opensans/Opensans-Regular.eot?iefix"></script>
19 <script src="https://d3njjcbhhojbot.cloudfront.net/web/type/opensans-v17-latin-latinext-cyrillic/opensans-600.woff2"></script>
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24 <script src="https://d3njjcbhhojbot.cloudfront.net/web/type/opensans/Opensans-Semibold.eot"></script>
25 <script src="https://d3njjcbhhojbot.cloudfront.net/web/type/opensans/Opensans-Semibold.eot?iefix"></script>
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34 <script src="https://d3njjcbhhojbot.cloudfront.net/web/type/opensans-v17-latin-latinext-cyrillic/opensans-700.woff"></script>
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36 <script src="https://d3njjcbhhojbot.cloudfront.net/web/type/opensans/Opensans-Bold.svg"></script>
37
38 </head>
39 <body>
40
41 </body>
42 </html>

```

Step 3: Select and copy all



Step 4: Paste in 'source\_code' and save file

```

jupyter main (unsaved changes)
File Edit View Insert Cell Kernel Widgets Help Trusted Python 3
Run
stop = start + imgs_file_name_len
file_name = source_code[start:stop]
file_url = SEARCH_KEY + file_name
urlib.request.urlretrieve(file_url, SAVE_PATH + file_name)
new_file_name = file_name + '.jpg'
os.rename(SAVE_PATH + file_name, SAVE_PATH + new_file_name)
imgs.append(SAVE_PATH + new_file_name)
print('All images downloaded %s' % img_count)

print('Generating pdf...')
#####
IMG_X = 10
IMG_Y = 10
IMG_WIDTH = 80 # total width is 210
IMG_HEIGHT = 140 # total height is 297
IMGS_PER_PAGE = 3
IMG_GAP = 10
#####
i = 0
while i < len(imgs):
    pdf.add_page()
    pdf.image(imgs[i], IMG_X, IMG_Y, IMG_WIDTH, IMG_HEIGHT)
    pdf.multi_cell(120, 10, border = 0, align = "R")
    i += 1
    while (i % IMGS_PER_PAGE) and (i < len(imgs)):
        current_img_y = IMG_Y + (i % IMGS_PER_PAGE) * (IMG_HEIGHT + IMG_GAP)
        pdf.image(imgs[i], IMG_X, current_img_y, IMG_WIDTH, IMG_HEIGHT)
        i += 1
pdf.output(SAVE_PATH + '/Notes.pdf', 'F')

print('Deleting images...')
for img in imgs:
    os.remove(img)

print('Notes.pdf file is created')

Enter path:
End of Code

```

Step 5: Enter path of code stored – see Step 4 to see where code is stored in computer