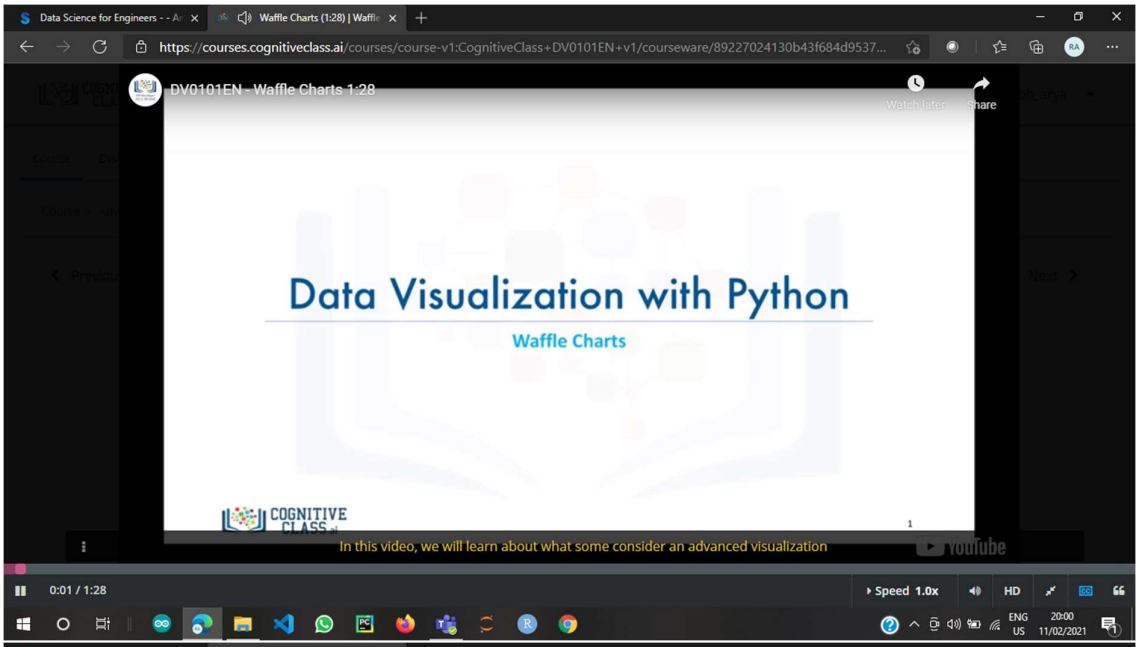
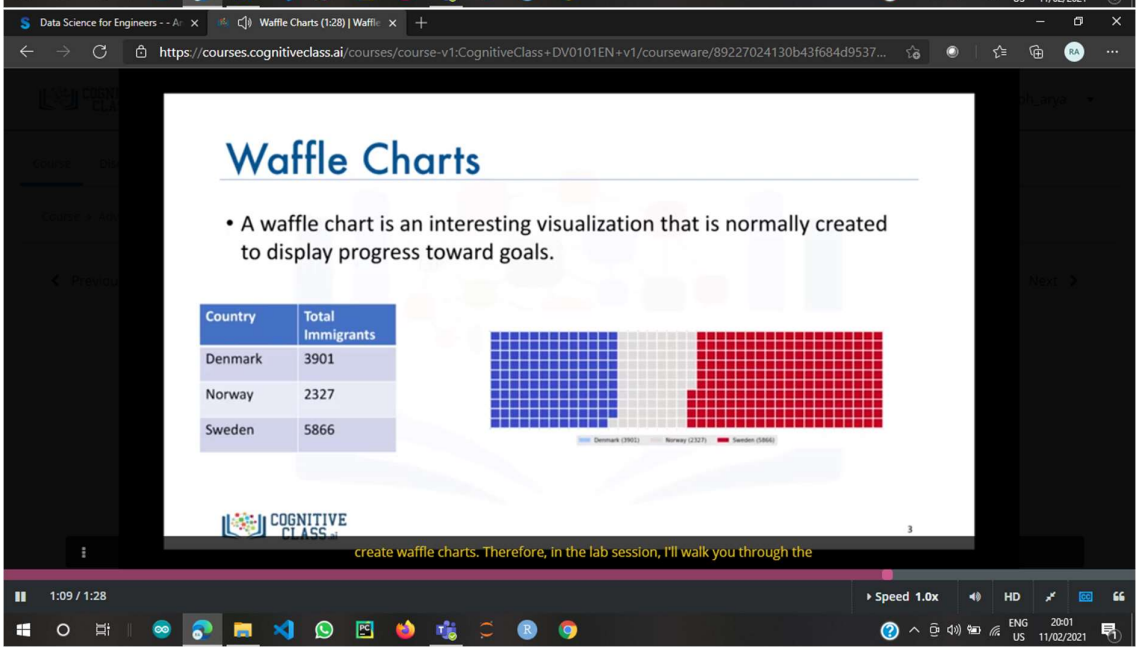
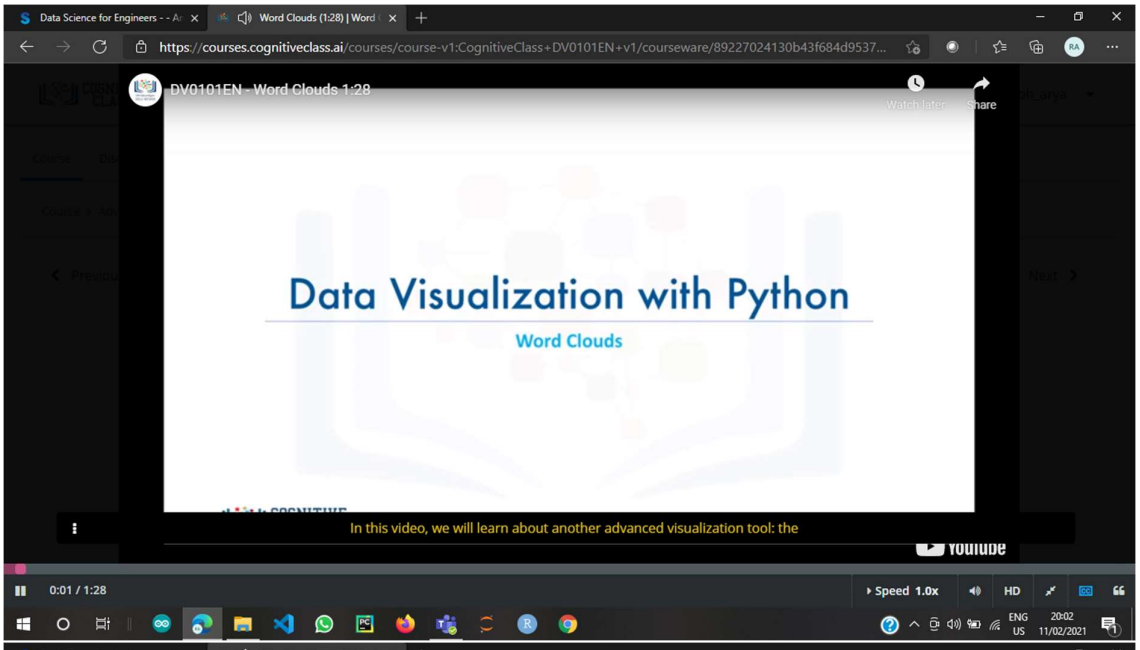
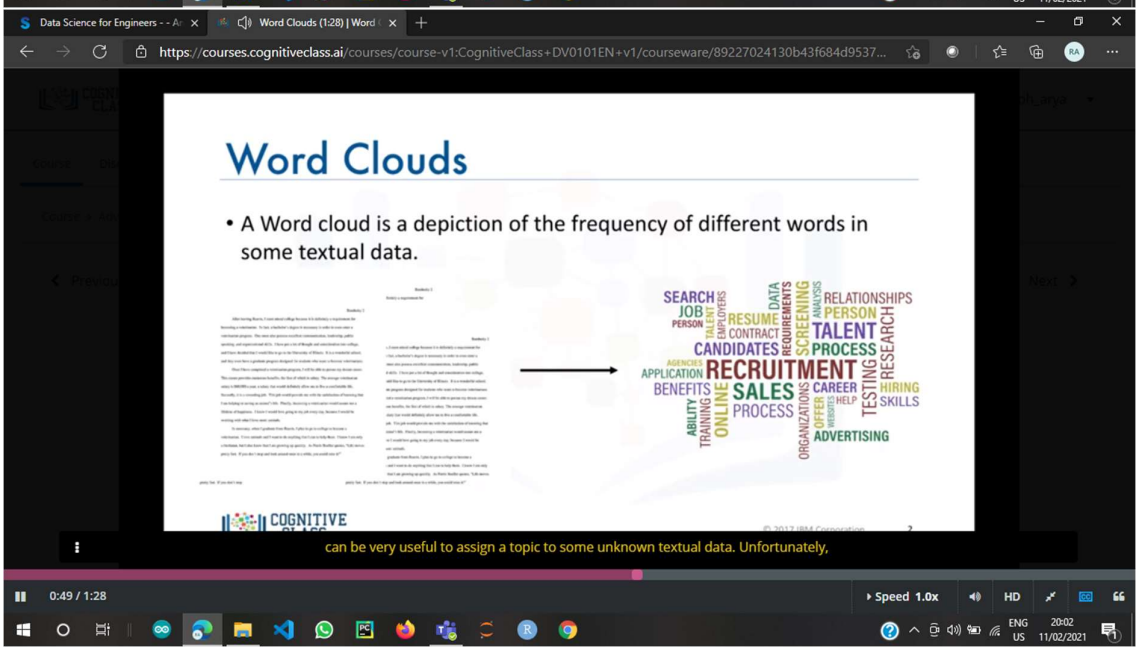
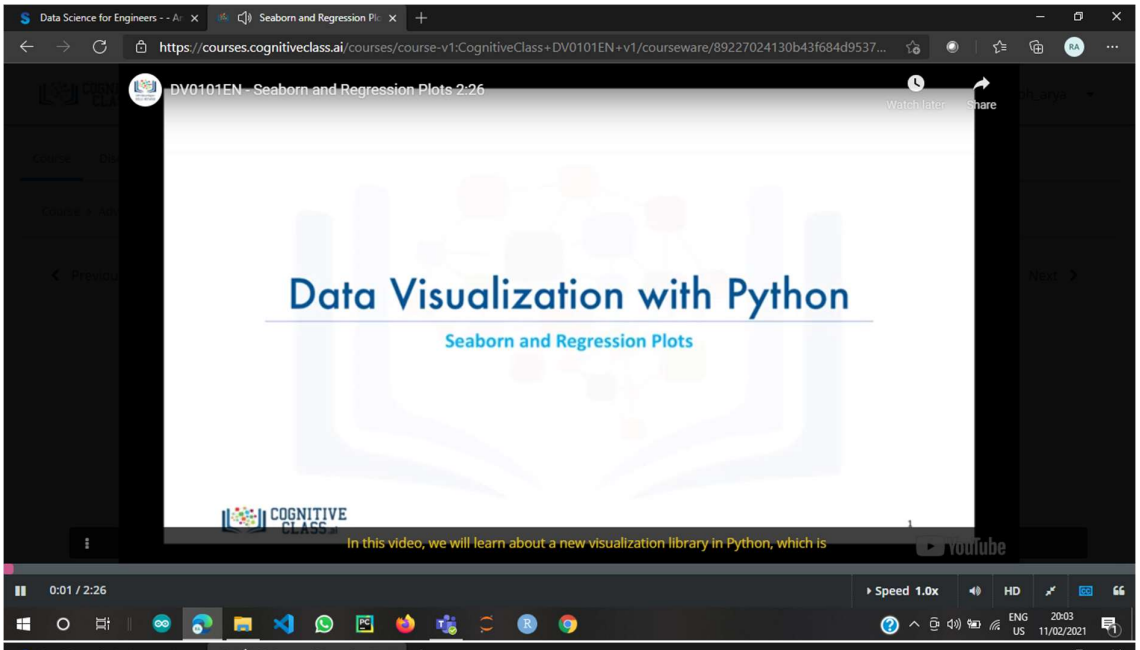
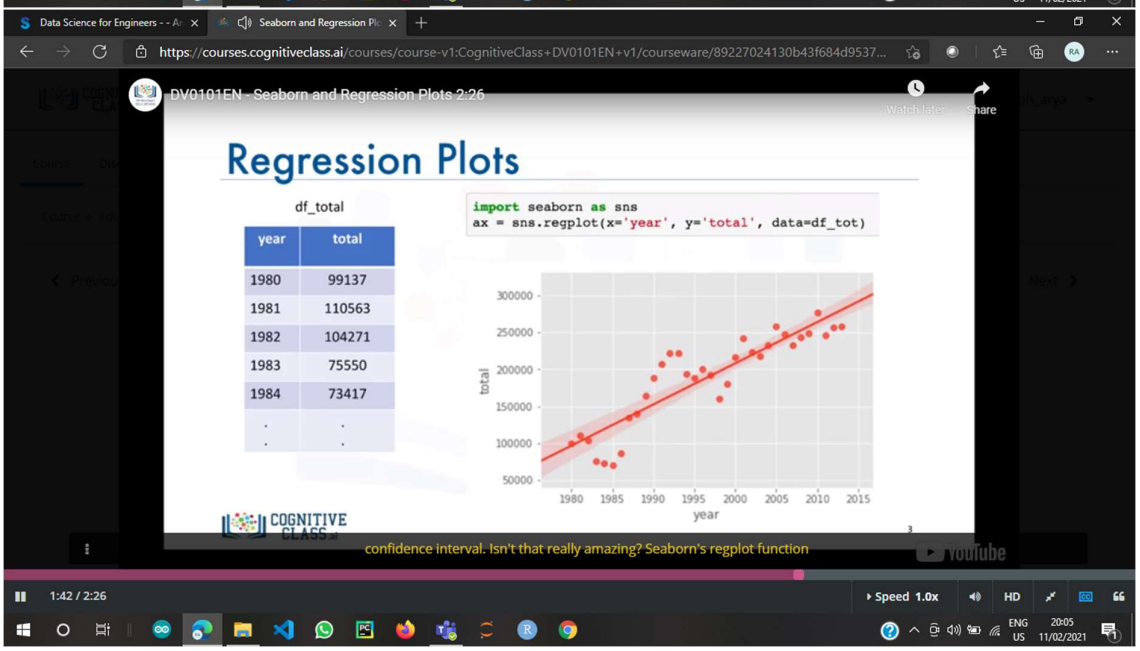

Data Science for Engineers - - Ar
Waffle Charts (1:28) | Waffle
https://courses.cognitiveclass.ai/courses/course-v1:CognitiveClass+DV0101EN+v1/courseware/89227024130b43f684d9537...
DV0101EN - Waffle Charts 1:28
Watch later
Share
Data Visualization with Python
Waffle Charts
COGNITIVE CLASS.ai
1
In this video, we will learn about what some consider an advanced visualization
YouTube
0:01 / 1:28
Speed 1.0x
HD
ENG US
20:00
11/02/2021


Data Science for Engineers - - Ar
Waffle Charts (1:28) | Waffle
https://courses.cognitiveclass.ai/courses/course-v1:CognitiveClass+DV0101EN+v1/courseware/89227024130b43f684d9537...
Waffle Charts
• A waffle chart is an interesting visualization that is normally created to display progress toward goals.
Country
Total Immigrants
Denmark
3901
Norway
2327
Sweden
5866
COGNITIVE CLASS.ai
3
create waffle charts. Therefore, in the lab session, I'll walk you through the
1:09 / 1:28
Speed 1.0x
HD
ENG US
20:01
11/02/2021


Data Science for Engineers - -
Word Clouds (1:28) | Word
https://courses.cognitiveclass.ai/courses/course-v1:CognitiveClass+DV0101EN+v1/courseware/89227024130b43f684d9537...
DV0101EN - Word Clouds 1:28
Watch later
Share
Data Visualization with Python
Word Clouds
In this video, we will learn about another advanced visualization tool: the
0:01 / 1:28
Speed 1.0x
HD
ENG
US
20:02
11/02/2021


Data Science for Engineers - -
Word Clouds (1:28) | Word
https://courses.cognitiveclass.ai/courses/course-v1:CognitiveClass+DV0101EN+v1/courseware/89227024130b43f684d9537...
Word Clouds
• A Word cloud is a depiction of the frequency of different words in some textual data.
SEARCH
JOB
PERSON
TALENT
EMPLOYERS
RESUME
CONTRACT
CANDIDATES
DATA
REQUIREMENTS
SCREENING
ANALYSIS
RELATIONSHIPS
PERSON
TALENT
PROCESS
RESEARCH
AGENCIES
APPLICATION
RECRUITMENT
BENEFITS
SALES
PROCESS
ONLINE
TRAINING
ABILITY
ORGANIZATIONS
CAREER
HELP
OFFER
NEEDED
TESTING
HIRING
SKILLS
ADVERTISING
COGNITIVE
can be very useful to assign a topic to some unknown textual data. Unfortunately,
0:49 / 1:28
Speed 1.0x
HD
ENG
US
20:02
11/02/2021


Data Science for Engineers - - Ar
Seaborn and Regression Plo
https://courses.cognitiveclass.ai/courses/course-v1:CognitiveClass+DV0101EN+v1/courseware/89227024130b43f684d9537...
DV0101EN - Seaborn and Regression Plots 2:26
Watch later
Share
Data Visualization with Python
Seaborn and Regression Plots
COGNITIVE CLASS
In this video, we will learn about a new visualization library in Python, which is
0:01 / 2:26
Speed 1.0x
HD
ENG US
20:03
11/02/2021


Data Science for Engineers - - Ar
Seaborn and Regression Plo
https://courses.cognitiveclass.ai/courses/course-v1:CognitiveClass+DV0101EN+v1/courseware/89227024130b43f684d9537...
DV0101EN - Seaborn and Regression Plots 2:26
Watch later
Share
Regression Plots
df_total
year
total
1980
99137
1981
110563
1982
104271
1983
75550
1984
73417
import seaborn as sns
ax = sns.regplot(x='year', y='total', data=df_tot)
300000
250000
200000
150000
100000
50000
total
1980
1985
1990
1995
2000
2005
2010
2015
year
COGNITIVE CLASS
confidence interval. Isn't that really amazing? Seaborn's regplot function
1:42 / 2:26
Speed 1.0x
HD
ENG US
20:05
11/02/2021

Data Science for Engineers - - Ar | Seaborn and Regression Plo

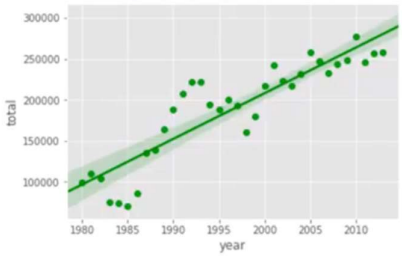
https://courses.cognitiveclass.ai/courses/course-v1:CognitiveClass+DV0101EN+v1/courseware/89227024130b43f684d9537...

Regression Plots

df_total

year	total
1980	99137
1981	110563
1982	104271
1983	75550
1984	73417
.	.
.	.

```
import seaborn as sns
ax = sns.regplot(x='year', y='total', data=df_tot,
                 color='green')
```



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4

change the color to green. Also, you can change the marker shape as well using

1:59 / 2:26 Speed 1.0x HD

ENG US 20:06 11/02/2021

Data Science for Engineers - - Ar | Seaborn and Regression Plo

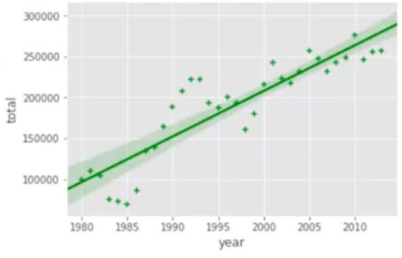
https://courses.cognitiveclass.ai/courses/course-v1:CognitiveClass+DV0101EN+v1/courseware/89227024130b43f684d9537...

Regression Plots

df_total

year	total
1980	99137
1981	110563
1982	104271
1983	75550
1984	73417
.	.
.	.

```
import seaborn as sns
ax = sns.regplot(x='year', y='total', data=df_tot,
                 color='green', marker='+')
```



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5

marker instead of the default circular marker. In the lab session, we

2:09 / 2:26 Speed 1.0x HD

ENG US 20:06 11/02/2021