* Assignment, live session should be this one.

1:10:36

* Okay. So there's assignment is the in-class access is 7, 39.

1:10:43

* So you have about 15 min to work on it.

1:10:44

* So you have a you want to go into any newspaper online, I mean, New York Times can be anything.

1:10:52

* And you copy and paste. So you select a given text.

1:11:02

* You copy, and then paste it into a, so you create a text file.

1:11:04

* You can use word or any other, and then, once you have the file, you already have the soap war file.

1:11:15

* You open the file, the files, you read them into.

1:11:27

* Later you remove the So ports you eventually remove other words that are very frequent, like, I remove the Facebook in the previous, and then you calculate and pre into the top 10 words, and you will generate a word cloud using a cloud that should be in right here.

1:11:39

* Okay, so let me stop sharing and let me create a breakout rooms.

1:12:15

* So we have a for breakout rooms. We, too, 3 participants, each room.

1:12:25

* I will pause the recording. Once I create the rooms, create an opener, and you have about 15 min need to work on it.

1:12:31

* Okay, all the room, Sarah Opener. I will make sure that everything is available in terms of files. We're talking 15 min.

1:12:45

* Alright! Welcome back! Let me resume a the recording.

1:13:00

* So we have another 30 s before the rooms will be officially closed.

1:13:03

* So let's wait there. So what we are going to do now would be.

1:13:07

* I will ask you if someone what to book about what you did.

1:13:17

* If not, I will present a possible solution. Then I will introduce the assignment for next week.

1:13:24

* Alright, so all the rooms are closed. Any volunteer anyone want to talk about what you did?

1:13:36

* Hey! You don't have to, but just to share the experience.

1:13:51

* Session issues that you may have had.

1:13:56

* Alright. Okay. So let me share the screen.

1:14:05

* Let me go here and.

1:14:12

* So we are recording. And that's fine. So I mean, I skip the step where I take the text and create the txt file that because otherwise we wouldn't have time.

1:14:18

* So I use the same Russian agent that they use that in the other example.

1:14:37

* So what they did there was basically importing the libraries that they needed.

1:14:43

* Open the 2 files. So Russian agents, and stop words initializing the 2 empty lists with the the soap that we'll contain.

1:14:52

* The stock ports and the text, reading the stop words into the.

1:15:02

* So what list? Adding some of the work, so that I know that are very frequent.

1:15:16

* Than doing, importing the file and doing a little bit of cleaning, so meaning and removing the Hmm.

1:15:28

* And the special characters, and the spaces, left or right, with strip, splitting a meaning and generating for each line that I'm reading a a list, and then I'm looping up into the list transferring the word into lowercase and then i'm looping into the list transforming the

1:15:47

* word into lower case and removing the stopwards. So I mean, if it is not in a store port.

1:16:10

* So then I will update the the word into the empty list.

1:16:15

* So at the very end I have in in my list this txt words I would have the list of elements.

1:16:22

* Of words. Then I, removing the non alphabetical with a counter function that they imported right here.

1:16:35

* I calculate the the most common. 10.

1:16:43

* Then generate in the work, cloud the same way I did in the other example.

1:16:55

* So, if?

1:17:02

* That's me!

1:17:07

* If I run it.

1:17:10

* So you have the what cloud, and you have the top, the the 10 words, so that are more frequent.

1:17:14

* I mean, that obviously, it's the same information in this sort of table, and in the workplace.

1:17:27

* So you have poster. That is the biggest you have rush on a video and account.

1:17:37

* So that are the the segments, even if accounts doesn't seem to be so big.

1:17:42

* But that's the way it is.

1:17:50

* Alright. Okay, so let me let me close this and let me go.

1:17:54

* Oh, possible questions!

1:18:03

* Okay. So if no questions.

1:18:11

* I will share again the screen and.

1:18:18

* I want to show you this website. So this website I mentioned is before, is [procona.org](http://procona.org/).

1:18:24

* That is a an interesting website, analyzing controversial issues in societies.

1:18:29

* So every something they update with the issues that are more controversial at that particular time in the.

1:18:42

* So you have some issues that are kind of here, since quite a while, and some that the seems to be more new topics.

1:19:00

* You can pick. I mean, there are several categories.

1:19:12

* So let's say, artificial intelligence. So you have a description of the concept, and then you have a pro corona, for the question is artificial intelligence good?

1:19:14

* For society. So you have pro corner, and you'll have a several.

1:19:30

* All those opinions. So that's basically where we are going to get the data that we will need for.

1:19:39

* So you can pick anyone. All the issues.

1:19:53

* So. So I was showing aificial intelligence. But as you saw it, there are many other you can pick whatever is resonating the most with your interest.

1:19:55

* The goal of the assignment is to compare the 2 texts.

1:20:13

* What comparing means that means that you want to extract some matrix that will give you somehow a way to make the compiler.

1:20:18

* So you want to clean the text removing software, what's a shorter than a 3 characters, words and characters that are not relevant with like, we removed the Facebook or Russian in the previous example?

1:20:32

* Because we know that it was very, very popular. You want to remove the punctuation you want.

1:20:53

* You want to remove that end of file and a black line.

1:21:01

* So using strip, then using the library. Rather, you want to calculate the sentiment for the 2 texts you want to extract backgrounds.

1:21:04

* So you have the example. Using an SDK, you want to create the work clouds for the 2 texts.

1:21:14

* So at this point you have the sentiment. The backgrounds, and the word cloud, meaning.

1:21:23

* You have elements that you can use to do a comparison. What you are going to do will be to write a brief report.

1:21:24

* Couple of.

1:21:42

* With the URL visuals, meaning the backgrounds, the word cloud, and the results of the sentiment.

1:21:46

* Analysis, and your interpretation. It is not a description of the process, so don't write down.

1:21:53

* I clean the text. I'm imported the libraries I applied by those are the results.

1:22:08

* So is an interpretation. You need to tell me the story.

1:22:16

* You don't need to tell me the process, because the process is already here.

1:22:20

* I mean, I know that. So I want your take. I want your interpretation of the sentiment.

1:22:26

* The biogram, sir, the word cloud. Why, there are those diagrams that are more relevant.

1:22:35

* Why, there are those. What's that? They're more relevant.

1:22:42

* So it's a brief report. A couple of page would work.

1:22:47

* You will submit 2 separate files. The Pydor scriptor and the record.

1:22:52

* And that's basically it. Questions on that.

1:22:59

* Alright. Okay. So that's basically it. It's 807, slightly later.

1:23:10

* But not too much so if you have any question, if you have, if you feel that there are some open issues, send me and see you an email just reminding us that there's still something that we didn't do, I mean, we are receiving quite a lot of emails.

1:23:19

* So overall. I have. I don't even remember if 75, 80 students.

1:23:42

* Okay, on top of other things. So we may just hmm, have left your email in the mailbox without processing it.

1:23:51

* We apologize for that. So send us a reminder.

1:24:06

* Please. Otherwise we will talk next week. I wish you a great evening.