

Problem #2B : Sentiment Analysis

The goal is to identify the best number of clusters that responses to the following question organize into using NLP methods:

"What one action can faculty take to improve your educational experience at UW?"

No assumptions are made about how many clusters (groups) these responses will fall into. The goal of this portion of the NLP project is to identify the optimal number of clusters to support future coding of these responses.

This will be accomplished by representing the students' responses into three categories:: part A: topic, part B: sentiment analysis, and part B: semantic similarity.

```
In [1]: import numpy as np
import pandas as pd
import re
import nltk
import matplotlib.pyplot as plt
%matplotlib inline
```

The main idea behind unsupervised learning is that you don't give any previous assumptions and definitions to the model about the outcome of variables you feed into it — you simply insert the data (of course preprocessed before), and want the model to learn the structure of the data itself. It is extremely useful in cases when you don't have labeled data, or you are not sure about the structure of the data, and you want to learn more about the nature of process you are analyzing, without making any previous assumptions about its outcome.

```
In [2]: df = pd.read_csv('/Users/nehakardam/Documents/UWclasses /EE517 NLP/Project/Facul
df
```

Out[2]:		RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
	0	2	EE233_Spring2020	Spring	2020	2	1	2018	2022	20
	1	2	EE233_Spring2020	Spring	2020	4	1	2018	2022	19
	2	2	EE235_Spring2020	Spring	2020	2	1	2018	2022	19
	3	2	EE331_Spring2020	Spring	2020	3	1	2018	2022	19

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
4	2	EE233_Spring2020	Spring	2020	2	1	2018	2022	19
...
1148	1	EE271_Spring2018	Spring	2018	2	1	2016	2019	19
1149	1	EE271_Spring2018	Spring	2018	2	1	2016	2020	19
1150	1	EE271_Spring2018	Spring	2018	2	1	2016	NaN	20
1151	1	EE271_Spring2018	Spring	2018	3	1	2017	2020	18
1152	1	EE271_Spring2018	Spring	2018	4	1	2014	2018	22

1153 rows × 20 columns

NLTK

NLTK's Vader sentiment analysis tool uses a bag of words approach (a lookup table of positive and negative words) with some simple heuristics (e.g. increasing the intensity of the sentiment if some words like "really", "so" or "a bit" are present).

```
In [3]: import nltk
from nltk.sentiment.vader import SentimentIntensityAnalyzer
sid = SentimentIntensityAnalyzer()
for i in range(df.shape[0]):
    s = str(df.SA1[i])
    print(sid.polarity_scores(s))
```

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{ 'neg': 0.0, 'neu': 0.579, 'pos': 0.421, 'compound': 0.6249 }
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{ 'neg': 0.0, 'neu': 1.0, 'pos': 0.0, 'compound': 0.0 }
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```

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{ 'neg': 0.0, 'neu': 1.0, 'pos': 0.0, 'compound': 0.0}
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{ 'neg': 0.0, 'neu': 1.0, 'pos': 0.0, 'compound': 0.0}
{ 'neg': 0.0, 'neu': 1.0, 'pos': 0.0, 'compound': 0.0}
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{ 'neg': 0.0, 'neu': 0.721, 'pos': 0.279, 'compound': 0.4754}
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{ 'neg': 0.091, 'neu': 0.846, 'pos': 0.062, 'compound': -0.0772}
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{ 'neg': 0.068, 'neu': 0.583, 'pos': 0.35, 'compound': 0.7003}
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{ 'neg': 0.0, 'neu': 0.385, 'pos': 0.615, 'compound': 0.1531}
{ 'neg': 0.0, 'neu': 1.0, 'pos': 0.0, 'compound': 0.0}
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{ 'neg': 0.0, 'neu': 0.848, 'pos': 0.152, 'compound': 0.3612}
{ 'neg': 0.0, 'neu': 0.68, 'pos': 0.32, 'compound': 0.6353}
{ 'neg': 0.0, 'neu': 0.838, 'pos': 0.162, 'compound': 0.4767}
{ 'neg': 0.0, 'neu': 0.842, 'pos': 0.158, 'compound': 0.4939}
{ 'neg': 0.0, 'neu': 0.896, 'pos': 0.104, 'compound': 0.7717}
{ 'neg': 0.0, 'neu': 1.0, 'pos': 0.0, 'compound': 0.0}
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{ 'neg': 0.267, 'neu': 0.495, 'pos': 0.238, 'compound': -0.0772}
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```

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{'neg': 0.03, 'neu': 0.97, 'pos': 0.0, 'compound': -0.1027}
{'neg': 0.0, 'neu': 0.908, 'pos': 0.092, 'compound': 0.743}
{'neg': 0.0, 'neu': 0.577, 'pos': 0.423, 'compound': 0.9216}
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{'neg': 0.0, 'neu': 0.831, 'pos': 0.169, 'compound': 0.7845}
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{'neg': 0.0, 'neu': 1.0, 'pos': 0.0, 'compound': 0.0}
{'neg': 0.0, 'neu': 0.788, 'pos': 0.212, 'compound': 0.7783}
{'neg': 0.0, 'neu': 0.897, 'pos': 0.103, 'compound': 0.3182}
```

```
In [4]: new_table = []

for i in range(df.shape[0]):
    s = str(df.SA1[i])
    d = sid.polarity_scores(s)
    new_row = [d['neg'], d['neu'], d['pos'], d['compound']]
    new_table.append(new_row)
new_df = pd.DataFrame(new_table, columns=['Negative', 'Neutral', 'Positive', 'Co
```

```
In [5]: result = pd.concat([df, new_df], axis=1)
result
```

```
Out[5]:
```

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
0	2	EE233_Spring2020	Spring	2020	2	1	2018	2022	20

	RemoteTrad		Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
1	2	EE233_Spring2020		Spring	2020	4	1	2018	2022	19
2	2	EE235_Spring2020		Spring	2020	2	1	2018	2022	19
3	2	EE331_Spring2020		Spring	2020	3	1	2018	2022	19
4	2	EE233_Spring2020		Spring	2020	2	1	2018	2022	19
...
1148	1	EE271_Spring2018		Spring	2018	2	1	2016	2019	19
1149	1	EE271_Spring2018		Spring	2018	2	1	2016	2020	19
1150	1	EE271_Spring2018		Spring	2018	2	1	2016	NaN	20
1151	1	EE271_Spring2018		Spring	2018	3	1	2017	2020	18
1152	1	EE271_Spring2018		Spring	2018	4	1	2014	2018	22

1153 rows x 24 columns

```
In [6]: result.to_csv(r'/Users/nehakardam/Documents/UWclasses /EE517 NLP/Project/FS_Sent
```

Textblob

Textblob's Sentiment Analysis works in a similar way to NLTK — using a bag of words classifier, but the advantage is that it includes Subjectivity Analysis too (how factual/opinionated a piece

of text is)! However, it doesn't contain the heuristics that NLTK has, and so it won't intensify or negate a sentence's sentiment.

```
In [7]: # !pip install -U textblob
        # !python -m textblob.download_corpora
```

```
In [8]: from textblob import TextBlob

        for i in range(df.shape[0]):
            s = str(df.SA1[i])
            print(TextBlob(s).sentiment)
```

```
Sentiment(polarity=0.0, subjectivity=1.0)
Sentiment(polarity=0.186, subjectivity=0.6300000000000001)
Sentiment(polarity=-0.2916666666666667, subjectivity=0.5416666666666666)
Sentiment(polarity=0.0, subjectivity=1.0)
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```

```

In [9]: new_table1 = []
        for i in range(df.shape[0]):

```

```
s1 = str(df.SA1[i])
d1 = TextBlob(s1).sentiment
new_row1 = [d1.polarity,d1.subjectivity]
new_table1.append(new_row1)
new_df1 = pd.DataFrame(new_table1, columns=['polarity', 'subjectivity'])
```

```
In [10]: result1 = pd.concat([result, new_df1], axis=1)
result1
```

```
Out[10]:
```

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
0	2	EE233_Spring2020	Spring	2020	2	1	2018	2022	20
1	2	EE233_Spring2020	Spring	2020	4	1	2018	2022	19
2	2	EE235_Spring2020	Spring	2020	2	1	2018	2022	19
3	2	EE331_Spring2020	Spring	2020	3	1	2018	2022	19
4	2	EE233_Spring2020	Spring	2020	2	1	2018	2022	19
...
1148	1	EE271_Spring2018	Spring	2018	2	1	2016	2019	19
1149	1	EE271_Spring2018	Spring	2018	2	1	2016	2020	19
1150	1	EE271_Spring2018	Spring	2018	2	1	2016	NaN	20
1151	1	EE271_Spring2018	Spring	2018	3	1	2017	2020	18
1152	1	EE271_Spring2018	Spring	2018	4	1	2014	2018	22

1153 rows x 26 columns

Flair

Flair's sentiment classifier is based on a character-level LSTM neural network which takes sequences of letters and words into account when predicting

```
In [11]: # !pip3 install flair
import flair
flair_sentiment = flair.models.TextClassifier.load('en-sentiment')

for i in range(df.shape[0]):
    s2 = str(df.SA1[i])
    sentence = flair.data.Sentence(s2)
    flair_sentiment.predict(sentence)
    total_sentiment = sentence.labels
    print(sentence)
    print(str(sentence.labels[0]).split()[0])
```

```
2021-06-08 09:50:35,805 loading file /Users/nehakardam/.flair/models/sentiment-en-mix-distillbert_4.pt
Sentence: "Restructure quizzes and stuff . In 235 we had a weekly quiz in lieu o
f midterms and a final , and that helped keep people engaged and paying attentio
n ." [- Tokens: 30 - Sentence-Labels: {'label': [POSITIVE (0.9288)]]}
POSITIVE
Sentence: "Flexible late turn in policies , especially in my area my wifi is ver
y inconsistent so it would be very nice if professors could be aware and underst
anding of that ." [- Tokens: 31 - Sentence-Labels: {'label': [POSITIVE (0.962
5)]]}
POSITIVE
Sentence: "Leniency on deadlines . It can be hard to stay motivated during these
times without dedicated study spaces . Some have inconsistent internet connectio
ns ." [- Tokens: 25 - Sentence-Labels: {'label': [NEGATIVE (0.9995)]]}
NEGATIVE
Sentence: "be flexible to possible changes and take student feedback into accoun
t to change / adj0t assignments / pacing" [- Tokens: 18 - Sentence-Labels:
{'label': [POSITIVE (0.9922)]]}
POSITIVE
Sentence: "have some strict action to make sure every student will go to class .
For example , count every student during each class and find if anyone is absent
, give them punishment ifthey do not go to class j0t beca0e being lazy" [- To
kens: 44 - Sentence-Labels: {'label': [NEGATIVE (0.9409)]]}
NEGATIVE
Sentence: "Post some examples on the powerpoint . Offer some chances to make up
quiz point ." [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.709
9)]]}
POSITIVE
Sentence: "Bi-weekly or weekly quizzes would allow for some flexibility and stil
l ensure that students stay on top of the material ." [- Tokens: 21 - Sentenc
e-Labels: {'label': [POSITIVE (0.9562)]]}
POSITIVE
Sentence: "Even though classes are being held online , I feel professors should
promote active participation during class , by requiring webcams and attendance
." [- Tokens: 24 - Sentence-Labels: {'label': [POSITIVE (0.968)]]}
POSITIVE
Sentence: "Provide options to earn back exam points ; the new system of test tak
ing has proven incredibly challenging for me , and I 've seen my test scores plu
mmet while other students seem to have higher averages than normal . I feel like
a good way to balance students who may have not been following the test rules wo
uld be offering a way to earn some exam credit in a less stressful situation"
```

```

[- Tokens: 73 - Sentence-Labels: {'label': [NEGATIVE (0.686)]}]
NEGATIVE
Sentence: "mandatory quizzes associated with each lecture" [- Tokens: 6 - Sen
tence-Labels: {'label': [POSITIVE (0.979)]}]
POSITIVE
Sentence: "Asks the student to participate in the lecture . Online lectures are
very easily distracted and student participation allows better foc0" [- Token
s: 21 - Sentence-Labels: {'label': [NEGATIVE (0.9998)]}]
NEGATIVE
Sentence: "Open-note tests or more emphasis on HW . Or give easier ways for stud
ents to form study groups . Enable student to student chat ." [- Tokens: 25 -
Sentence-Labels: {'label': [POSITIVE (0.9296)]}]
POSITIVE
Sentence: "Go easy with the work load , and focus more on practicle methods of m
easuring understanding and efficiency ." [- Tokens: 19 - Sentence-Labels: {'l
abel': [NEGATIVE (0.9998)]}]
NEGATIVE
Sentence: "Assign a reasonable amount of coursework that aligns with what is act
ually being taught in class . For example , if lectures are behind in material ,
do n't assign homework that requires knowledge that has n't been taught yet . It
's not fair to students to pay tuition to teach themselves ." [- Tokens: 54 -
Sentence-Labels: {'label': [NEGATIVE (0.668)]}]
NEGATIVE
Sentence: "Please be understanding that students are having difficult times . So
me may be in different timezones , and I feel that some classes are taking advan
tage of the online format to offload MORE work onto students ." [- Tokens: 37
- Sentence-Labels: {'label': [NEGATIVE (0.7638)]}]
NEGATIVE
Sentence: "Being understanding of disability and related issues , and willing to
work with students who may miss class time or assignments due to medical reasons
. In general , understanding that every student experience is unique , and that
ensuring equal opportunities for all students requires understanding the differe
nce between equality and equity ." [- Tokens: 54 - Sentence-Labels: {'label':
[POSITIVE (0.9973)]}]
POSITIVE
Sentence: "Possibly being more understanding about vario0 students' experiences
with the online learning environment and avoiding too much b0y work . For exampl
e , adding more work to be completed during the class time rather than as homewo
rk , or offering more office hours , etc ." [- Tokens: 46 - Sentence-Labels:
{'label': [NEGATIVE (0.9735)]}]
NEGATIVE
Sentence: "Recorded lectures , making classes asynchrono0 . More takehome finals
/ quizzes ( obvio0ly adj0ted for difficulty )" [- Tokens: 18 - Sentence-Label
s: {'label': [POSITIVE (0.9969)]}]
POSITIVE
Sentence: "No graded in class activity and recorded lectures . Since , I am an i
nternational student not currently living in the 0 , attending lectures as per 0
time is extremely chaotic and difficult . It 's extremely difficult to get into
the habit of staying up at night and sleeping during the day . Furthermore , it
negatively impacts our social and mental well being . As I have heard from my fr
iends in similar situations and from my own experience , I believe that the best
thing that can be done is that all the lectures and disc0sion sections m0t be re
corded ( which is quite easy on zoom ) and any graded assessment m0t not be boun
d to be held within the bounds of the lecture timings ." [- Tokens: 131 - Sen
tence-Labels: {'label': [NEGATIVE (1.0)]}]
NEGATIVE
Sentence: "I think it would be really helpful for professors to give a little mo
re time when it comes to quizzes / tests . They do not give a lot of uploading t
ime and that has resulted in me less time than designated to submit exams . I al
so have had issues with test anxiety at home that I never had before , and have
been meaning to contact DRS about resources that can help me , but I think that
an extra five minutes to upload tests / quizzes could be helpful for everyone .
If professors cannot / will not record lectures , I think having more detailed s
lides will be 0eful . I think recordings are really helpful beca0e it 's really
easy to miss some things in lecture especially with unpredictable internet . I t

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think it 's also sometimes harder to ask questions when not in person , so recorded lectures compensate for that . If professors cannot / will not record , I think having more detailed slides could help ." [- Tokens: 175 - Sentence-Labels: {'label': [NEGATIVE (0.9999)]}]

NEGATIVE

Sentence: "I think the biggest help from the professors are when they clearly state what is expected from you as a student for the quarter . It also helps when professors are a bit lenient when it comes to due dates in order to get used to the online format ." [- Tokens: 50 - Sentence-Labels: {'label': [POSITIVE (0.9907)]}]

POSITIVE

Sentence: "Provide Recordings . Maybe have pre-recorded lectures for people in different timezones . Better way to have exams for people in different timezones ." [- Tokens: 24 - Sentence-Labels: {'label': [NEGATIVE (0.9997)]}]

NEGATIVE

Sentence: "Be flexible about the amount of time given for assessments . Record lectures and provide resources for students to reference ." [- Tokens: 21 - Sentence-Labels: {'label': [POSITIVE (0.8707)]}]

POSITIVE

Sentence: "One thing that Professor Jia does that I like , is that she makes the lecture quizzes as low stress as possible and provides a solution key afterwards . Sometimes however , there are some jumps in reasoning that I do n't quite understand , so it would be nice if there was a short video of our professors showing how the solution was derived ." [- Tokens: 67 - Sentence-Labels: {'label': [POSITIVE (0.9557)]}]

POSITIVE

Sentence: "provide additional resources , more than useful because it is harder to understand and absorb information through this media . Provide looser deadlines and less harsh grading , more sympathy with requirements and graded material -- it is a hard time , we cannot be expected to do the same when in a different environment and one when we cannot necessarily choose ." [- Tokens: 63 - Sentence-Labels: {'label': [NEGATIVE (0.5147)]}]

NEGATIVE

Sentence: "Remove the low average gpa 's from classes . Beyond that having practice midterms and finals are good gauges to test our knowledge before tests to understand pacing and difficulty ." [- Tokens: 31 - Sentence-Labels: {'label': [POSITIVE (0.7305)]}]

POSITIVE

Sentence: "Online resources are probably the most reasonable and beneficial thing a professor can do for a big lecture . Multiple practice midterms and other things have been helpful to me in the past . Also , give credit for showing up to quiz section" [- Tokens: 44 - Sentence-Labels: {'label': [POSITIVE (0.9846)]}]

POSITIVE

Sentence: "More office hours would be nice . Flexible with due dates , which he already does !" [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9957)]}]

POSITIVE

Sentence: "Lenient grading and a lot of opportunities to ask questions" [- Tokens: 10 - Sentence-Labels: {'label': [NEGATIVE (0.8747)]}]

NEGATIVE

Sentence: "Don't make the class about the grade . That 's stupid and does n't facilitate learning . Also the competitive nature between peers is not actually what happens in the work place . So creating an environment where students work together to succeed would be better instead of competition ." [- Tokens: 50 - Sentence-Labels: {'label': [NEGATIVE (1.0)]}]

NEGATIVE

Sentence: "Provide additional help with homework , more review sessions before exams , detailed study guide , more time to complete homework assignments ." [- Tokens: 23 - Sentence-Labels: {'label': [POSITIVE (0.891)]}]

POSITIVE

Sentence: "The average on our midterms has been really high . I do n't think a 90 % should be set to a 3.3 . Also , it is really unfortunate when the lectures are at 360p with a bad microphone quality ." [- Tokens: 42 - Sentence-Labels: {'label': [NEGATIVE (1.0)]}]

NEGATIVE

Sentence: "Be flexible to unforeseen issues that come up regarding extensions on homework or changing sections" [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9061)]}]

POSITIVE

Sentence: "More lenient grading requirements ." [- Tokens: 5 - Sentence-Labels: {'label': [NEGATIVE (0.9925)]}]

NEGATIVE

Sentence: "Just be understanding with tech issues , the professors have been doing a good job so far where on tests they 're ok if you email your solutions ." [- Tokens: 29 - Sentence-Labels: {'label': [POSITIVE (0.7111)]}]

POSITIVE

Sentence: "Do n't overload us with work because we are sitting at our computer all day already watching lectures ." [- Tokens: 19 - Sentence-Labels: {'label': [NEGATIVE (0.9317)]}]

NEGATIVE

Sentence: "More lenient due dates for homework and labs ." [- Tokens: 9 - Sentence-Labels: {'label': [NEGATIVE (0.9913)]}]

NEGATIVE

Sentence: "Give us less homework" [- Tokens: 4 - Sentence-Labels: {'label': [NEGATIVE (0.9932)]}]

NEGATIVE

Sentence: "Remove midterms and other forms of testing that do n't translate well into online , and readj0t the weight of each category for the course ." [- Tokens: 26 - Sentence-Labels: {'label': [NEGATIVE (0.9002)]}]

NEGATIVE

Sentence: "Maybe make exams lesser of our grade , as its much more difficult to foc0 and study at home ." [- Tokens: 20 - Sentence-Labels: {'label': [NEGATIVE (0.9991)]}]

NEGATIVE

Sentence: "Loose due dates" [- Tokens: 3 - Sentence-Labels: {'label': [NEGATIVE (0.9928)]}]

NEGATIVE

Sentence: "Being flexible with exam and grading structures has been helpful , and this continual action will be beneficial for future online courses ." [- Tokens: 23 - Sentence-Labels: {'label': [POSITIVE (0.9886)]}]

POSITIVE

Sentence: "My professor for EE 233 barely provided any feedback on our homework or exams beyond a points breakdown , so we know what problems we did lly on but not what we did wrong . One action professors can take is to give the same kind of feedback they would in-person in an online class ." [- Tokens: 56 - Sentence-Labels: {'label': [NEGATIVE (0.9992)]}]

NEGATIVE

Sentence: "Evaluate students holistically . Having regular quizzes over one or two midterms / final better evaluates progress ." [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.9791)]}]

POSITIVE

Sentence: "I think keeping us accountable . I think it is really easy to become demotivated when everyone is at home and it forces 0 to participate and stay involved . Though one could look at it the other way and say we should learn to develop the discipline ourselves to stay motivated and on track , but personally I think things like weekly quizzes forced me to actively make sure I was on top of material on a timely manner ." [- Tokens: 81 - Sentence-Labels: {'label': [POSITIVE (0.9807)]}]

POSITIVE

Sentence: "Reduce the amount of homework they give to students . Times like these are very stressful and some professors can unknowingly assign too much work for students especially when they do n't know what other classes they could be taking and how the student functions at home ." [- Tokens: 48 - Sentence-Labels: {'label': [NEGATIVE (0.975)]}]

NEGATIVE

Sentence: "Offer quizzes at different times to solve the problem of studying in different time zone ." [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.8604)]}]

POSITIVE

Sentence: "Ease expectations for quizzes and tests , its hard to guarantee inter net connection for a period of time like that , and puts more pressure on studen ts ." [- Tokens: 28 - Sentence-Labels: {'label': [NEGATIVE (0.8132)]]]
NEGATIVE

Sentence: "Maybe Change the timing of the Exam to accommodate Students in other time zones" [- Tokens: 14 - Sentence-Labels: {'label': [NEGATIVE (0.752)]]]
NEGATIVE

Sentence: "Adj0ting the grading scheme and course structure to best suit the onl ine format (more frequent testing rather than large assessments , for example) , would be helpful on the part of the professors ." [- Tokens: 36 - Sentence-Labels: {'label': [NEGATIVE (0.618)]]]
NEGATIVE

Sentence: "Taking quizzes and tests are more stressful when you add in the aspec t of uploading the test . I think that making sure students have plenty of time to upload quizzes and tests is important ." [- Tokens: 36 - Sentence-Labels: {'label': [POSITIVE (0.9683)]]]
POSITIVE

Sentence: "A timely update for HW / test solutions , so that students can know a bout where they got the problems wrong and how to improve ." [- Tokens: 26 - Sentence-Labels: {'label': [POSITIVE (0.9745)]]]
POSITIVE

Sentence: "Maybe being flexible about deadlines if people are having technical p roblems ." [- Tokens: 12 - Sentence-Labels: {'label': [NEGATIVE (0.9802)]]]
NEGATIVE

Sentence: "Force the class to participate to assure that everyone understands th e topic most recently disc0sed before moving forward ." [- Tokens: 19 - Sente nce-Labels: {'label': [POSITIVE (0.9976)]]]
POSITIVE

Sentence: "Professors can proctor tests with students required to turn on their cameras to maintain academic integrity ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9927)]]]
POSITIVE

Sentence: "With the online learning , it it especially harder to understand the material . Therefore , for the homework and labs , there is an overload on the problems and tasks with the respective time frames . There should be a more rea sonable amount of homework and labs that can be assigned ." [- Tokens: 53 - S entence-Labels: {'label': [NEGATIVE (0.9996)]]]
NEGATIVE

Sentence: "Understand that many students will cheat and / or have access to reso urces many students do n't , which punishes students not based on merit" [- To kens: 25 - Sentence-Labels: {'label': [NEGATIVE (0.9105)]]]
NEGATIVE

Sentence: "I believe the professor should be more flexible and relaxed on assign ments and grading . Due to the current state of things it is very stressful when a class is still as hard and stressful as when there is no pandemic / rioting go ing on . How it is taughtas a online class is fine but due to the context of wh at is going on , it is too much added work and stress ." [- Tokens: 76 - Sent ence-Labels: {'label': [NEGATIVE (0.9996)]]]
NEGATIVE

Sentence: "be lenient with requirements for resources we do n't have access to o n our own machines . EG having to 0e the ECE servers to run programs" [- Token s: 27 - Sentence-Labels: {'label': [NEGATIVE (0.9983)]]]
NEGATIVE

Sentence: "Change the grading structure . Currently we have 30 minute quizzes ea ch week that determine 63 % of the grade . That ca0es a lot of anxiety and effec tively negates the many hours we spend on other work in the class ." [- Token s: 42 - Sentence-Labels: {'label': [POSITIVE (0.8213)]]]
POSITIVE

Sentence: "Try not to give more work beca0e we are at home , ca0e we do not have the same sources we have in school ." [- Tokens: 25 - Sentence-Labels: {'labe l': [NEGATIVE (0.8889)]]]
NEGATIVE

Sentence: "Make hw problem easier or less workload" [- Tokens: 7 - Sentence-L abels: {'label': [POSITIVE (0.9998)]]]
POSITIVE

Sentence: "The professors can provide alternative options to in class exams such as take home exams ." [- Tokens: 16 - Sentence-Labels: {'label': [NEGATIVE (0.7303)]]}
NEGATIVE

Sentence: "be lenient with homework , projects , exams , due dates ." [- Tokens: 12 - Sentence-Labels: {'label': [NEGATIVE (0.8767)]]}
NEGATIVE

Sentence: "Being more forgiving and lenient with deadlines where possible and within reason . With everything shifting to online and being stuck at home , things get chaotic without much privacy and I am not used to handling so many things from an online environment . Issues at home become large distractions that are normally not an issue when physically attending class ." [- Tokens: 62 - Sentence-Labels: {'label': [NEGATIVE (0.9971)]]}
NEGATIVE

Sentence: "Giving extra credits to students who attend the class lecture regularly ." [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9958)]]}
POSITIVE

Sentence: "be flexible in structure (due dates , lecture style , labs) to student feedback" [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9273)]]}
POSITIVE

Sentence: "Not providing traditional exams in online formats , or at least minimizing their effects on grades . It is extremely difficult for myself and many of her students to concentrate and perform exams under these abnormal conditions , where the resources available to each student can vary and make the entire process very unbalanced ." [- Tokens: 54 - Sentence-Labels: {'label': [NEGATIVE (0.9999)]]}
NEGATIVE

Sentence: "Decrease the work load and understand that students are struggling . Two of my classes has been manageable , but the other is extremely difficult . I spend way too much time on the class (20 + hrs / wk) , and the professor has not been responsive when students in the class have complained about the work load ." [- Tokens: 62 - Sentence-Labels: {'label': [NEGATIVE (0.9968)]]}
NEGATIVE

Sentence: "The structure of EE351 has been great . The lecture slides , lectures , course material , etc . My only gripe is the midterm and final being held during a two-hour block (open everything just no communication) , it might be a little easier on most students if it were a take-home style of test . The labs could be a little more fine-tuned but it was the first quarter of all simulation and I thought the instruction team as a whole did well and were very flexible ." [- Tokens: 92 - Sentence-Labels: {'label': [POSITIVE (0.6915)]]}
POSITIVE

Sentence: "Do not overload the work because learning in this environment is a little harder , since we do n't have access to the same resources ." [- Tokens: 26 - Sentence-Labels: {'label': [NEGATIVE (0.9413)]]}
NEGATIVE

Sentence: "lenience of due dates because of technology or personal issues ." [- Tokens: 11 - Sentence-Labels: {'label': [NEGATIVE (0.924)]]}
NEGATIVE

Sentence: "Be flexible with time and methods to turn in assignments , such as pdf or jpeg and assignments by a date instead of a single time slot ." [- Tokens: 28 - Sentence-Labels: {'label': [POSITIVE (0.9935)]]}
POSITIVE

Sentence: "Take into consideration how different it is to learn from home and adjust the curriculum and grading ." [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.8846)]]}
POSITIVE

Sentence: "My only problem with online classes are that I do not feel motivated to attend lecture . If there were in class quizzes like poll everywhere or weekly canvas quizzes about the lectures that would give me the motivation to attend classes ." [- Tokens: 43 - Sentence-Labels: {'label': [NEGATIVE (0.5873)]]}
NEGATIVE

Sentence: "Professors should understand that the quality of education we receive online is worse than in person , and grading should be more lenient to reflect this ." [- Tokens: 27 - Sentence-Labels: {'label': [NEGATIVE (1.0)]]}

NEGATIVE

Sentence: "Provide a reasonable amount of homework / lecture material ." [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.978)]}]

POSITIVE

Sentence: "Be mindful of timing , especially when it comes to exams . Even though there is no class bell to signal when class would normally have ended , designing a midterm to take up 90 minutes of time for a class which is supposed to last only 50 minutes can put undue stress on students . Please note that this is a general statement , and not aimed at ME 123 specifically ." [- Tokens: 73 - Sentence-Labels: {'label': [NEGATIVE (0.9995)]}]

NEGATIVE

Sentence: "Being understanding that technology is not always reliable and lenient when technological issues result in missing part of a class or turning in an assignment late ." [- Tokens: 27 - Sentence-Labels: {'label': [NEGATIVE (0.9798)]}]

NEGATIVE

Sentence: "They can try to make the work seem less daunting and less like I 'm alone . Doing college in front of a laptop in my basement greatly impacts my ability to learn" [- Tokens: 33 - Sentence-Labels: {'label': [POSITIVE (0.6682)]}]

POSITIVE

Sentence: "Having quizzes and regular checks to my knowledge helps force me to keep up ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9953)]}]

POSITIVE

Sentence: "Give more smaller and easier assignments . So instead of 1 big one due make it 3 and have them be less time consuming but also more focused on one subject ." [- Tokens: 32 - Sentence-Labels: {'label': [POSITIVE (0.8198)]}]

POSITIVE

Sentence: "Be more lenient with deadlines , especially those for exams . Technical issues are prominent and students should not have to face a penalty , especially on an exam , if they submit their exam a few seconds or a minute or two after the exam ." [- Tokens: 47 - Sentence-Labels: {'label': [NEGATIVE (0.9818)]}]

NEGATIVE

Sentence: "I think curving the class is not beneficial because many students are able to cheat , thus putting those who are academically honest at a disadvantage . Instead , it is nice creating a fair grading system for the class in which we are not competing against our peers ." [- Tokens: 50 - Sentence-Labels: {'label': [NEGATIVE (0.9997)]}]

NEGATIVE

Sentence: "Give more reasonable exams that are realistically indicative of the homework ." [- Tokens: 12 - Sentence-Labels: {'label': [NEGATIVE (0.5792)]}]

NEGATIVE

Sentence: "Mandatory lecture attendance ! It 's very hard to stay motivated for a class and very easy to get behind when all the lectures are purely recorded ." [- Tokens: 28 - Sentence-Labels: {'label': [NEGATIVE (0.9565)]}]

NEGATIVE

Sentence: "Actual methods of eliminating cheating . My GPA is so low because everyone else is cheating the curve ." [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.991)]}]

POSITIVE

Sentence: "Being flexible with exam proctoring . In one class (MSE 170) I have felt the professor has been very understanding of different situations and circumstances , for example not doing mandatory video proctoring for exams and making them available on a long time window . In other cases I have felt very stressed taking exams due to not having access to a quiet and comfortable area during a required exam window , something that I definitely affects my performance during an exam ." [- Tokens: 85 - Sentence-Labels: {'label': [POSITIVE (0.9916)]}]

POSITIVE

Sentence: "Being transparent about grading requirements" [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.6667)]}]

POSITIVE

Sentence: "reduce the number of midterms or lengthen time available to take exams" [- Tokens: 12 - Sentence-Labels: {'label': [NEGATIVE (0.9543)]}]

NEGATIVE

Sentence: "Different ways to give exams instead of one set time slot as sometime s internet issues arise . Our professor in MSE170 conducted did this very well ."
 [- Tokens: 27 - Sentence-Labels: {'label': [POSITIVE (0.9861)]}]
 POSITIVE

Sentence: "Be accommodating with deadlines and technological issues ."
 [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.7462)]}]
 POSITIVE

Sentence: "More weekly low-stakes quizzes , fewer large exams . I feel that quizzes force me to solidify my knowledge on one topic before moving on to the next , and I feel like I have better material retention with studying more regularly for quizzes than studying a couple of times a quarter for exams ."
 [- Tokens: 55 - Sentence-Labels: {'label': [POSITIVE (0.9915)]}]
 POSITIVE

Sentence: "Stop assigning so much work and expecting that they can run the class as if it were and in-person class . The class structure needs to be adj0ted to a n online learning experience instead of having the same expectations as an in-cl ass course ."
 [- Tokens: 44 - Sentence-Labels: {'label': [NEGATIVE (0.9224)]}]
 NEGATIVE

Sentence: "Not increasing the volume of work or length of lectures beca0e they a re asynchrono0 . Especially with prerecorded lectures , they are already more de nse in format than a normal class would be with no natural lulls when someone as ks a question so increasing the lecture length creates more work than a normal i n person class ."
 [- Tokens: 57 - Sentence-Labels: {'label': [NEGATIVE (0.9586)]}]
 NEGATIVE

Sentence: "I would like professors to be understanding of external situations wh en it comes to assigning work in an online quarter . I feel as though with the c hallenge of teaching with an online quarter , professors are more apt to assign more work or require the learning of additional material outside of lecture whe ther that be in the form of requiring outside research to answer homework or nee ding lessons within office hours to learn how to do the labs . With the stress o f the conflicts in the world currently , for many of us there may be things that require our attention outside of school , and since this online quarter has requ ired students to do more work and learn more course format outside of class , it can cause conflicts between our academics and areas where we need to focus outsi de of school . I think it would be best to teach the required course format need ed to succeed in the class within the lectures and quiz sections so students can have a better expectation of the workload and not be overloaded with academic wo rk on a regular basis outside of class ."
 [- Tokens: 195 - Sentence-Labels: {'label': [NEGATIVE (0.8518)]}]
 NEGATIVE

Sentence: "Postpond midterm after snow day ."
 [- Tokens: 6 - Sentence-Labels: {'label': [NEGATIVE (0.9945)]}]
 NEGATIVE

Sentence: "Encourage resilience and improvement by grading not just on curve , b ut on improvement , effort , etc . seen throughout the quarter ."
 [- Tokens: 24 - Sentence-Labels: {'label': [POSITIVE (0.998)]}]
 POSITIVE

Sentence: "Having in class participation brings students to class who never pay attention and it 's distracting . I get that you want your class to have high a ttendance but if having in class participation brings students who are constantl y on their phones or laptops working on other things and distracting people from paying attention , is it worth it ?"
 [- Tokens: 60 - Sentence-Labels: {'labe l': [POSITIVE (0.548)]}]
 POSITIVE

Sentence: "Give workload that is proportional to the credits of the class ."
 [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9996)]}]
 POSITIVE

Sentence: "Provide enough time during exams to fully complete them"
 [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.9985)]}]
 POSITIVE

Sentence: "Resources to check our answers as we are working on homework , so tha t it 's possible to know when we 're on the right track , and build from there . The answers do n't have to be given to us , but the ability to know if we 're do

ing problems right step by step is incredibly informative" [- Tokens: 60 - Sentence-Labels: {'label': [POSITIVE (0.9999)]}]
 POSITIVE
 Sentence: "Give interactive homework where we apply the material we learn in class , then provide swift feedback . For example , the homework quizzes and models are good for helping me solidify my knowledge ." [- Tokens: 35 - Sentence-Labels: {'label': [POSITIVE (0.9813)]}]
 POSITIVE
 Sentence: "More practice with drawing sketches that are graded , either before the HW assignment or as a part of it ." [- Tokens: 21 - Sentence-Labels: {'label': [NEGATIVE (0.9676)]}]
 NEGATIVE
 Sentence: "Have clearer rubrics and stick clearly to the rubrics" [- Tokens: 9 - Sentence-Labels: {'label': [NEGATIVE (0.6026)]}]
 NEGATIVE
 Sentence: "Be clear on what will be covered on the exam with suggested practice problems / exams ." [- Tokens: 17 - Sentence-Labels: {'label': [NEGATIVE (0.943)]}]
 NEGATIVE
 Sentence: "Give immediate and helpful feedback on assignments ." [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.9276)]}]
 POSITIVE
 Sentence: "In CEE 220 , the HWs were accompanied by Canvas quizzes where we could input our answers . This was nice because we could immediately see whether or not our answers were correct ." [- Tokens: 34 - Sentence-Labels: {'label': [POSITIVE (0.9968)]}]
 POSITIVE
 Sentence: "Make the correlation between lecture , homework , and tests more fair / reasonable ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9174)]}]
 POSITIVE
 Sentence: "Providing a " homework quiz " of sorts for assignments . With the current system of uploading a pdf , there is no feedback until the assignment is graded , having a " quiz " to allow us to double check solutions before submitting (like used in CEE 220) would be helpful" [- Tokens: 54 - Sentence-Labels: {'label': [POSITIVE (0.5861)]}]
 POSITIVE
 Sentence: "Be timely on grading assignments and midterms so that I know sooner what I need to study more ." [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9351)]}]
 POSITIVE
 Sentence: "Create relevant homework assignments . By producing or providing problems that represent the questions on tests and the knowledge needing to be gained from classes , professors can use homework to help students learn rather than being another graded assignment ." [- Tokens: 41 - Sentence-Labels: {'label': [POSITIVE (0.9883)]}]
 POSITIVE
 Sentence: "Personally , I like a lot of homework . It is a good study tool I use so the more the merrier ." [- Tokens: 23 - Sentence-Labels: {'label': [POSITIVE (0.9769)]}]
 POSITIVE
 Sentence: "In the case of this class is provide recordings to the lectures and working out problems ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9703)]}]
 POSITIVE
 Sentence: "if not live on zoom , then start the recordings with an intro same way professors usually do in in-person classes , like what we did before what we'll do now , what is due this week , etc ..." [- Tokens: 41 - Sentence-Labels: {'label': [POSITIVE (0.8373)]}]
 POSITIVE
 Sentence: "If it 's a long lecture , take the time to keep students engaged by allowing them to ask questions or take at least one break . The biggest problem I have with online lectures is keeping focused for more than an hour , so this would be very helpful ." [- Tokens: 51 - Sentence-Labels: {'label': [POSITIVE (0.9871)]}]

POSITIVE

Sentence: "Slow down a little bit in lectures and make sure you are doing plenty of examples . Also , try to link each subject to another topic or to the overall importance of the class so that we can make connections and remember important topics better ." [- Tokens: 47 - Sentence-Labels: {'label': [POSITIVE (0.8568)]]}]

POSITIVE

Sentence: "Do more examples , go over the lectures at a steady pace , explain more about the lab and homework ." [- Tokens: 21 - Sentence-Labels: {'label': [POSITIVE (0.9675)]]}]

POSITIVE

Sentence: "Give more examples Slow the lecture progression" [- Tokens: 7 - Sentence-Labels: {'label': [NEGATIVE (0.9678)]]}]

NEGATIVE

Sentence: "Provide more structured zoom lectures with interactive lessons , not just a few sessions ." [- Tokens: 16 - Sentence-Labels: {'label': [NEGATIVE (0.9718)]]}]

NEGATIVE

Sentence: "I think that professor should strive to make their lecture format shorter and concise so that lab and quiz section could be added to have questions answered ." [- Tokens: 28 - Sentence-Labels: {'label': [NEGATIVE (0.9984)]]}]

NEGATIVE

Sentence: "Give examples in class that are unique and not done in the book that are complicated . These examples should be harder or equally hard as those on the test so we are exposed to the level of difficulty on exams early ." [- Tokens: 43 - Sentence-Labels: {'label': [NEGATIVE (0.9811)]]}]

NEGATIVE

Sentence: "Go slower on the lecture and have a clearer hand writing . Also , give a little more examples ." [- Tokens: 20 - Sentence-Labels: {'label': [NEGATIVE (0.9544)]]}]

NEGATIVE

Sentence: "Derive / explain equations in class . Show some applications of those concepts / equations in class ." [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.9554)]]}]

POSITIVE

Sentence: "Provide in depth examples of problems in class ." [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.9495)]]}]

POSITIVE

Sentence: "Do practice problems characteristic of what we will be tested on for exams in class , rather than extraneous examples . Go slowly and reiterate key points ." [- Tokens: 28 - Sentence-Labels: {'label': [POSITIVE (0.9445)]]}]

POSITIVE

Sentence: "Try to point out things in class that may show up on the exams . While I understand that all information is important , it makes it really difficult to study so much material for exams when over half of it wouldn't have even been on the exams in the first place , such as maybe real world applications . Although I really like that these are shown in class , oftentimes it will not be on an exam but a mathematical process behind it will be . So just giving a list or study sheet of what is fair game versus basically the entire 800 page textbook would be helpful for exam purposes ." [- Tokens: 116 - Sentence-Labels: {'label': [NEGATIVE (0.9999)]]}]

NEGATIVE

Sentence: "provide more examples at a slower pace describing where the equations are coming from and why we can use them ." [- Tokens: 21 - Sentence-Labels: {'label': [NEGATIVE (0.9937)]]}]

NEGATIVE

Sentence: "To go over homework problems in class and to teach slowly and not rush things" [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.999)]]}]

POSITIVE

Sentence: "Posting lectures for the general information / format of the class and then using the scheduled class time for going through specific examples / problems and answering student questions ." [- Tokens: 30 - Sentence-Labels: {'label': [POSITIVE (0.8738)]]}]

POSITIVE

Sentence: "First of all , they should be required to have a live lecture which t

hey can then record for students who were n't able to make the live . One of my professors has no live lectures , they only record a lecture , and its the literal dumbest waste of my money . Having live lectures at least makes one interact with the class , feel like they 're actually in school , and ask questions in real time ." [- Tokens: 81 - Sentence-Labels: {'label': [NEGATIVE (1.0)]}]
NEGATIVE
Sentence: "More practice problems that are worked out live via zoom , so that students can ask questions ." [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.7603)]}]
POSITIVE
Sentence: "Going over examples and interacting with students through questions posed in class ." [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9855)]}]
POSITIVE
Sentence: "Doing an in-class example , where I as a student physically do something that relates to what we are learning . So for example , doing , by myself or with 1 or 2 other people , a problem / drawing / whatever . Something that takes what we just discussed / learned in class and immediately doing something with that helps to get it in my brain better . One of the worst things (in my opinion) that detracts from my learning and my desire to learn are endless , droning lectures with little or no Professor / Student engagement ." [- Tokens: 104 - Sentence-Labels: {'label': [NEGATIVE (1.0)]}]
NEGATIVE
Sentence: "Since I mainly take STEM classes , lecture notes often involve concepts and examples but professors that do n't flow well between the two can mess up how much information I absorb in the lecture . Asking the students whether they want to move on or continue with examples will really help with this ." [- Tokens: 55 - Sentence-Labels: {'label': [NEGATIVE (0.9844)]}]
NEGATIVE
Sentence: "I like how well he answers question and the speed in which he covers material ." [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9996)]}]
POSITIVE
Sentence: "Go over more examples and spend more time clarifying questions" [- Tokens: 10 - Sentence-Labels: {'label': [NEGATIVE (0.9644)]}]
NEGATIVE
Sentence: "Make classes more discussion based and be more willing to take input and answer questions from students" [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.993)]}]
POSITIVE
Sentence: "Deliver a live course so that we can ask questions if we are confused ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9959)]}]
POSITIVE
Sentence: "An understanding of how everyone 's home environment is so different and not expecting each person to participate like they might in class . Not expecting 0 to turn our videos on . Giving 0 the same lectures that would normally happen , not a shorter modified lecture in order to save time ." [- Tokens: 54 - Sentence-Labels: {'label': [POSITIVE (0.9967)]}]
POSITIVE
Sentence: "Clear lectures explaining concepts at a depth that goes beyond the ability of a textbook . E.g. the mathematical basis for an equation 's use and how that applies in a tangible way ." [- Tokens: 34 - Sentence-Labels: {'label': [POSITIVE (0.9997)]}]
POSITIVE
Sentence: "Taking the time to do examples and give clear instructions on how to go about solving problems ." [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.9978)]}]
POSITIVE
Sentence: "Make lectures engaging and relevant with a good pace ." [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9979)]}]
POSITIVE
Sentence: "Clearly outlined notes with examples after the theoretical portion has been explained . Also hand writing notes to keep the course moving at a good pace I have found to be very helpful ." [- Tokens: 34 - Sentence-Labels: {'label': [POSITIVE (0.9982)]}]
POSITIVE

Sentence: "Engaging with the class and moving through material at a reasonable pace ." [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9996)]}]
POSITIVE

Sentence: "Make it clear what topics we are going over and also be clear with their notes in class" [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.9618)]}]
POSITIVE

Sentence: "Live lectures , provide lots of practice problems , create lab / quiz times to work together with other students" [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.9966)]}]
POSITIVE

Sentence: "1. Record the zoom classes so that people who were not able to attend that class can watch it . For the prerecorded lecture videos , I wish they were in a better quality (audio , resolution , etc) . 2. Constantly check the chat window and participants window to see if student have any concerns / questions in class ." [- Tokens: 63 - Sentence-Labels: {'label': [NEGATIVE (0.9528)]}]
NEGATIVE

Sentence: "Allow for flexibility by providing accessible recordings . Be sensitive to the speed of the lecture and adjust based on student feedback ." [- Tokens: 23 - Sentence-Labels: {'label': [POSITIVE (0.9889)]}]
POSITIVE

Sentence: "can do more examples in lecture , or give example questions after lecture ." [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.7479)]}]
POSITIVE

Sentence: "Provide posted lectures online and class time to go through specific problems / discussions / ask questions ." [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.9218)]}]
POSITIVE

Sentence: "To support students in online classes , I really appreciate the style of teaching that is being used in ME 123 . Specifically , having the prelab videos and panapto videos to watch before actual meetings provide me with a strong background / introduction to the format , while the consistent zoom calls during our normal lecture times allows me to reinforce my learning by working out examples with my professor , TA , and classmates ." [- Tokens: 77 - Sentence-Labels: {'label': [POSITIVE (0.9965)]}]
POSITIVE

Sentence: "Use class time to provide insight to materials covered in the book and not just review book materials in a tedious and unhelpful way . Clearly express to students what parts of the book they should be reading then providing additional materials in class that can provide better understanding for the students : such as different ways of solving the problems or interpreting theorems" [- Tokens: 64 - Sentence-Labels: {'label': [POSITIVE (0.8938)]}]
POSITIVE

Sentence: "Doing panopto recordings helps , but I think just making sure everyone is understanding the material before continuing would help . Rushing does n't really help anyone except for the quickest learners . I 've been really stressed out trying to catch up , but I 'm really bad at talking to people . So it sucks lol" [- Tokens: 58 - Sentence-Labels: {'label': [NEGATIVE (0.9999)]}]
NEGATIVE

Sentence: "Posting chapter summaries throughout the quarter , or taking time in class to outline the connection and relevance of each chapter ." [- Tokens: 22 - Sentence-Labels: {'label': [POSITIVE (0.7994)]}]
POSITIVE

Sentence: "Professors can best support me in my classes my preparing clear lectures with examples that utilize concepts being learned and prepare me for an upcoming exam . They can also post slides and panapto when possible for review ." [- Tokens: 39 - Sentence-Labels: {'label': [POSITIVE (0.9838)]}]
POSITIVE

Sentence: "Engaging lectures - Spend time in lecture allowing students to try and solve the example problem before the prof solves it . Post lecture notes online ." [- Tokens: 27 - Sentence-Labels: {'label': [POSITIVE (0.9932)]}]
POSITIVE

Sentence: "Professor 's office hour provides good explanations that are supplementary to the lecture . The real life example , application of concept makes the learning interesting and motivating ." [- Tokens: 29 - Sentence-Labels: {'label': [POSITIVE (0.9999)]}]

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bel': [POSITIVE (0.9847)]]]
POSITIVE
Sentence: "The office hour is really helpful . Since most of the material is gone over really fast so during the office hour we can review the lecture stuffs . Also if the lecture could be recorded so that we can review the material again if we did n't understand , it would be better ." [- Tokens: 55 - Sentence-Labels: {'label': [NEGATIVE (0.6066)]]]
NEGATIVE
Sentence: "I think that the office hours are great . Every time I go she always greets me with a very positive and comforting atmosphere . I think that the lectures could be more fast paced . At times there is a lot of over clarification when in reality it is not a very complicated concept . Difficult concepts are gone over too quickly and are only understandable to those with prior knowledge ." [- Tokens: 73 - Sentence-Labels: {'label': [POSITIVE (0.7515)]]]
POSITIVE
Sentence: "Do example problems relevant to the course / homework in class . Hold frequent office hours , ask questions to the class so the class could answer them if we are working on a problem . Maybe ask if students were able to solve a problem a different way and explain how they solved it in class to the class ." [- Tokens: 61 - Sentence-Labels: {'label': [POSITIVE (0.9456)]]]
POSITIVE
Sentence: "I think providing more practice in class and class engagement . That is difficult in such a large class but I feel that it helps content stick with students . Also providing more office hours because with classes this big , going to office hours and having many students waiting can be difficult . Sometimes it is difficult to ask questions in class because we move on a bit quickly and then there is not time to figure out where the confusion is rooted in the problem ." [- Tokens: 88 - Sentence-Labels: {'label': [POSITIVE (0.9632)]]]
POSITIVE
Sentence: "If the textbook is the primary source of information besides the lectures , include more examples from the textbook and follow the same equation notations as the textbook , encourage study groups ." [- Tokens: 33 - Sentence-Labels: {'label': [POSITIVE (0.6305)]]]
POSITIVE
Sentence: "Having breakout sessions would be very helpful . Also having more example problems . Trying to be engaging with polls or questions as much as possible ." [- Tokens: 27 - Sentence-Labels: {'label': [NEGATIVE (0.9979)]]]
NEGATIVE
Sentence: "Providing a clear example and scenarios on how to apply the concept that we've learned . Aside from the normal textbook scenario , probably do an example as well on how to solve a hard one with methods they used" [- Tokens: 41 - Sentence-Labels: {'label': [POSITIVE (0.9437)]]]
POSITIVE
Sentence: "I think it is better and beneficial to students if the professors teach the online class as they do in-person class rather than posting the prerecording videos and holding the lecture time as office hours ." [- Tokens: 37 - Sentence-Labels: {'label': [NEGATIVE (0.7085)]]]
NEGATIVE
Sentence: "I think , it would be much better if the online classes were taught the same as in person classes . I mean by this is , if the teachers were show up in the class time and lectured the same way as if it is in person that would be much more helpful instead of posting pre-recorded videos and using the class time as office hours ." [- Tokens: 69 - Sentence-Labels: {'label': [NEGATIVE (1.0)]]]
NEGATIVE
Sentence: "The lecture can be more detailed , not just touch the point of basic knowledge , like providing more problem solving technique since we learn a lot of method to solve circuit and each require many small point that we need to pay attention to ." [- Tokens: 46 - Sentence-Labels: {'label': [POSITIVE (0.933)]]]
POSITIVE
Sentence: "Make examples plentiful" [- Tokens: 3 - Sentence-Labels: {'label': [POSITIVE (0.9956)]]]
POSITIVE
Sentence: "Hosting office hours during regularly scheduled class times are very

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helpful to students so they can get the most access to professors ." [- Token
s: 23 - Sentence-Labels: {'label': [POSITIVE (0.9949)]}]
POSITIVE
Sentence: "Being very specific when going through example problems . Especially
for when we use methods we learned in the past this can still be confusing so e
ven if that is not the method we are going over it is still helpful if we fully
go over that ." [- Tokens: 48 - Sentence-Labels: {'label': [POSITIVE (0.967
9)]}]
POSITIVE
Sentence: "Walkthrough a problem and then provide examples for us to work on ind
ividually before going over it" [- Tokens: 17 - Sentence-Labels: {'label': [P
OSITIVE (0.8601)]}]
POSITIVE
Sentence: "Make more 0e of breakout rooms ." [- Tokens: 7 - Sentence-Labels:
{'label': [POSITIVE (0.9945)]}]
POSITIVE
Sentence: "One action professors at uw can take is not lecturing . Lecturing is
important but only lecturing will lose a students attention so fast ." [- Tok
ens: 25 - Sentence-Labels: {'label': [NEGATIVE (0.9274)]}]
NEGATIVE
Sentence: "Leave pauses in the lecture to allow for students to unmute and ask q
uestions ." [- Tokens: 15 - Sentence-Labels: {'label': [NEGATIVE (0.9796)]}]
NEGATIVE
Sentence: "Making lectures more interactive (asking questions of students , lik
e the 271 class problems)" [- Tokens: 16 - Sentence-Labels: {'label': [POSIT
IVE (0.9908)]}]
POSITIVE
Sentence: "Pa0ing more , going slower so there is time to understand the materia
l . Class feels very fast ." [- Tokens: 19 - Sentence-Labels: {'label': [NEGA
TIVE (0.8958)]}]
NEGATIVE
Sentence: "pa0es before changing slides so that students can know the slide is g
oing to change & can take notes / pictures / ask questions as needed" [- Token
s: 26 - Sentence-Labels: {'label': [POSITIVE (0.9511)]}]
POSITIVE
Sentence: "Professor can provide complex / tricky examples to give students a be
tter understanding of the concept ." [- Tokens: 17 - Sentence-Labels: {'labe
l': [POSITIVE (0.9838)]}]
POSITIVE
Sentence: "Doing more examples during is very helpful ." [- Tokens: 8 - Sente
nce-Labels: {'label': [POSITIVE (0.9497)]}]
POSITIVE
Sentence: "Regular online , live lectures" [- Tokens: 5 - Sentence-Labels:
{'label': [POSITIVE (0.9523)]}]
POSITIVE
Sentence: "One thing I 'd prefer is instead of j0t having all notes / slides wri
tten out already and j0t shown , I would prefer if the professor wrote them alon
g so we can have more time to process . And I understand since it 's online we c
an go back , but it greatly improves my learning if I am able to follow along wi
thout doing that ." [- Tokens: 68 - Sentence-Labels: {'label': [NEGATIVE (0.9
941)]}]
NEGATIVE
Sentence: "Continue to teach the same as they did in class . I think some profes
sors have this idea that beca0e classes are online , they have to completely res
tructure their class . Most of the time , classes can j0t proceed as normal ." [- Tokens: 44 - Sentence-Labels: {'label': [POSITIVE (0.9509)]}]
POSITIVE
Sentence: "Action professors at UW can take to best support me in my classes is
to give the class multiple practice problems to work on in class we can then 0e
as a reference for homework ." [- Tokens: 36 - Sentence-Labels: {'label': [PO
SITIVE (0.9775)]}]
POSITIVE
Sentence: "Changing curriculum so that it is possible for me and other students
to complete it ourselves at home without the resources we would normally have o
n camp0 ." [- Tokens: 28 - Sentence-Labels: {'label': [POSITIVE (0.5388)]}]

POSITIVE

Sentence: "do more example question and write down notes as lecture in person"

[- Tokens: 12 - Sentence-Labels: {'label': [NEGATIVE (0.7263)]}]

NEGATIVE

Sentence: "Solving questions on a white board / the screen step by step during lecture instead of showing the question and the solution on a slide" [- Tokens:

25 - Sentence-Labels: {'label': [NEGATIVE (0.5548)]}]

NEGATIVE

Sentence: "I think it 's very helpful that professors ask if anyone has any questions during the class , give students a pa0e time to digest the knowledge . In my class Prof Ratliff did a very good job on getting feedback from students during class ." [- Tokens: 46 - Sentence-Labels: {'label': [POSITIVE (0.9776)]}]

POSITIVE

Sentence: "I think sometimes slowing down when going through examples could be really helpful , beca0e sometimes professors can speed through the examples and it 's conf0ing ." [- Tokens: 27 - Sentence-Labels: {'label': [POSITIVE (0.7608)]}]

POSITIVE

Sentence: "I am very glad that all my classes this quarter have live , in-person lectures . Some of my friends have classes where all the lectures are pre-record ed , which makes for a worse learning experience in my opinion . Not only is the re less opportunity to ask questions , or for an instructor to adapt to the clas s , but it also makes it a lot easier to fall behind when all the lectures are p re-recorded . If the lectures are live , it holds you accountable to making sure you attend , and you get rewarded with a better learning experience overall ."

[- Tokens: 105 - Sentence-Labels: {'label': [NEGATIVE (0.9999)]}]

NEGATIVE

Sentence: "Going through examples is one of the most helpful ways to solidify the material . I would also recommend not requiring in class attendance , sometime s the class moves by slowly , which is n't always a bad thing , but especially later in the quarter it is very easy to zone out . Being in control of when we learn as the students might lead to an increase in the effectiveness of the lectures ." [- Tokens: 76 - Sentence-Labels: {'label': [POSITIVE (0.9604)]}]

POSITIVE

Sentence: "I would be more organized in the handwritten examples related to the problems in slides as sometimes is was difficult to find the solving for the examples ." [- Tokens: 28 - Sentence-Labels: {'label': [NEGATIVE (0.9985)]}]

NEGATIVE

Sentence: "The main action would be to slow the pace of lectures when the concept is very complex . However , this is not the main one . Another action that professors should take is making sure they are giving more background to the information , for example not j0t reading whats in the book ." [- Tokens: 55 - Sentence-Labels: {'label': [NEGATIVE (0.9586)]}]

NEGATIVE

Sentence: "give great example for learning" [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9843)]}]

POSITIVE

Sentence: "They can provide as many worked examples and practice problems as possible to break up the monotony and encourage students to be proactive in learning ." [- Tokens: 26 - Sentence-Labels: {'label': [POSITIVE (0.9976)]}]

POSITIVE

Sentence: "Professor can condense the lectures to one lecture . Currently we are watching a pre-recorded lecture before class and having another lecture during a ctual lecture time to go through examples . I feel like the format coverage can be more concise and the examples can be squeezed in between each section to make a 50-60 min lecture ." [- Tokens: 58 - Sentence-Labels: {'label': [NEGATIVE (0.7182)]}]

NEGATIVE

Sentence: "Go over the information from the pre lectures more in depth before doing examples during class ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9072)]}]

POSITIVE

Sentence: "Live zoom sessions help by allowing me to ask questions if I do n't understand something" [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9765)]}]

POSITIVE

Sentence: "Have lots of example problems that reflect homework and exams ." [- Tokens: 11 - Sentence-Labels: {'label': [NEGATIVE (0.9517)]}]

NEGATIVE

Sentence: "Treat the zoom lectures as less of a " quiz yourselves " time . After watching the recorded Panopto lectures , I feel that it 's hard for me to fully understand what is going on in class and it 's difficult to participate in questions asked in class beca0e I do n't fully understand yet . There 's also a lot of ind0try jargon that gets thrown around that makes things hard to understand . Describing some manufacturing parts and techniques with jargon makes it difficult to connect ideas and would only be helpful if I was already experienced ." [- Tokens: 101 - Sentence-Labels: {'label': [NEGATIVE (1.0)]}]

NEGATIVE

Sentence: "More structured zoom lectures . It would help if we had more interaction with professor Jones when covering course format and less watching her old lecture recordings . It makes it hard to engage with the material when it seems like we are j0t watching a youtube video and not sitting in a lecture ." [- Tokens: 55 - Sentence-Labels: {'label': [NEGATIVE (0.9992)]}]

NEGATIVE

Sentence: "Do zoom lectures instead of recorded lectures" [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.571)]}]

POSITIVE

Sentence: "Actually hold lectures" [- Tokens: 3 - Sentence-Labels: {'label': [POSITIVE (0.9901)]}]

POSITIVE

Sentence: "Maybe be more drawings / diagrams when teaching ?" [- Tokens: 9 - Sentence-Labels: {'label': [NEGATIVE (0.5025)]}]

NEGATIVE

Sentence: "more interactive material . I think having more sections that are outside of Q & A sections would be beneficial . like if we had at least one day a week of live class on Fridays so we could ask questions and get new material at the same time ." [- Tokens: 50 - Sentence-Labels: {'label': [NEGATIVE (0.9833)]}]

NEGATIVE

Sentence: "I think the only think that could help support me in my learning online is for them to provide more examples of the topic that we are currently on . This allows me to see how that topic is applied in different type of scenarios and prepare me on upcoming exams ." [- Tokens: 52 - Sentence-Labels: {'label': [POSITIVE (0.9705)]}]

POSITIVE

Sentence: "Provide a lot of in class examples during lecture ." [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9959)]}]

POSITIVE

Sentence: "Realize students have other classes , so lectures ca n't go over the maximum time of 50 minutes ." [- Tokens: 19 - Sentence-Labels: {'label': [NEGATIVE (0.7615)]}]

NEGATIVE

Sentence: "It would have been nice to have live lectures . Unfortunately , more students in the class wanted pre-recorded lectures ." [- Tokens: 21 - Sentence-Labels: {'label': [NEGATIVE (0.987)]}]

NEGATIVE

Sentence: "Instead of saying , " full solution provided in the notes " , physically go through then entire example so that we can see the correct process and check our calculations while watching the video ." [- Tokens: 36 - Sentence-Labels: {'label': [NEGATIVE (0.9295)]}]

NEGATIVE

Sentence: "Solve problems in real time during lecture rather than having them prepared , it helps the students understand the thought process ." [- Tokens: 22 - Sentence-Labels: {'label': [POSITIVE (0.9992)]}]

POSITIVE

Sentence: "I think that teaching in person is better than having recorded lectures . It allows for a little bit more of a teacher and student iteration and makes the format a little bit more understandable ." [- Tokens: 36 - Sentence-Labels: {'label': [POSITIVE (0.9981)]}]

POSITIVE

Sentence: "Hold live meetings so they can answer questions over more than email"
 [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9906)]}]
 POSITIVE

Sentence: "More live session for interactive learning" [- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.9875)]}]
 POSITIVE

Sentence: "Making classes live . That way it forces students to attend" [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9215)]}]
 POSITIVE

Sentence: "I think having a specific time that we meet is better than a panopto beca0e I sometimes get lazy and dont watch the panopto recordings ." [- Tokens: 26 - Sentence-Labels: {'label': [NEGATIVE (0.9964)]}]
 NEGATIVE

Sentence: "Do not offer pre-recorded lectures only . It is very easy for student s to fall behind and it is almost impossible to catch up . It gives students a f alse hope that they will be able to go through the quarter very lazily and still do well , when this is not the case ." [- Tokens: 55 - Sentence-Labels: {'label': [NEGATIVE (0.9682)]}]
 NEGATIVE

Sentence: "Creating stopping points and summarizing the main points we 've talke d about ." [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9985)]}]
 POSITIVE

Sentence: "In this course (ee271) specifically , I think reallocating some of the class time for lessons in coding with systemverilog would have been very he lpful . We had a full week of optional format at the end , and I feel like it wo uld 've been much better to use that time teaching systemverilog . It seemed lik e a lot of the teaching code work was offloaded to the TA 's unfairly ." [- Tokens: 75 - Sentence-Labels: {'label': [NEGATIVE (1.0)]}]
 NEGATIVE

Sentence: "Make class problems doable in class time and provide more help on HW (possibly show HW-like examples in class)" [- Tokens: 21 - Sentence-Labels: {'label': [POSITIVE (0.952)]}]
 POSITIVE

Sentence: "Please more in class problem . Do it on the board . Not just presenta tion . This is not an english class . Do the problem in class , solved it . This class need us to do a lot of practice but you never shown us how to do it exactl y for every problems ." [- Tokens: 56 - Sentence-Labels: {'label': [NEGATIVE (0.9979)]}]
 NEGATIVE

Sentence: "The class and lectures moved too slowly so it felt that material was rushed when it was time to take exams . The professor needs to follow the sched ule more rigorously and complete all material on time" [- Tokens: 37 - Sentence-Labels: {'label': [NEGATIVE (0.9998)]}]
 NEGATIVE

Sentence: "Give in-class exercise sheet to help students understand the materia l" [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.951)]}]
 POSITIVE

Sentence: "give great example problems on difficult concepts" [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.8394)]}]
 POSITIVE

Sentence: "One action that would be nice is to create a comfortable environment in which a student can learn at their own pace without being probed at with que stions that they are not able to answer yet ." [- Tokens: 37 - Sentence-Labels: {'label': [POSITIVE (0.567)]}]
 POSITIVE

Sentence: "Having in class assignments" [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9759)]}]
 POSITIVE

Sentence: "Go through a tough problem" [- Tokens: 5 - Sentence-Labels: {'label': [NEGATIVE (0.8704)]}]
 NEGATIVE

Sentence: "In class problems" [- Tokens: 3 - Sentence-Labels: {'label': [NEGATIVE (0.9962)]}]
 NEGATIVE

Sentence: "Do more complicated design problem in class" [- Tokens: 7 - Sentence-Labels: {'label': [NEGATIVE (0.9962)]}]

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ce-Labels: {'label': [NEGATIVE (0.8991)]}]
NEGATIVE
Sentence: "Lecture slower" [- Tokens: 2 - Sentence-Labels: {'label': [NEGATIVE (0.9994)]}]
NEGATIVE
Sentence: "Professors can go through an example to clarify the information ."
[- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9057)]}]
POSITIVE
Sentence: "Elaborate on more than just what 's in the textbook . Teach in a way
that I could n't learn just by reading a book ." [- Tokens: 26 - Sentence-Labels: {'label': [POSITIVE (0.9877)]}]
POSITIVE
Sentence: "Gives us more intuition on the concepts ." [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.9972)]}]
POSITIVE
Sentence: "Go over some calculations slowly and in depth ." [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.8987)]}]
POSITIVE
Sentence: "Write the lecture notes slower ." [- Tokens: 6 - Sentence-Labels: {'label': [NEGATIVE (0.999)]}]
NEGATIVE
Sentence: "analysis the exam after giving them back ." [- Tokens: 8 - Sentence-Labels: {'label': [NEGATIVE (0.9655)]}]
NEGATIVE
Sentence: "Provide more examples that are related to homework and test questions in class ." [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.6744)]}]
POSITIVE
Sentence: "One action the professors can take is to have a good mix of explaining concepts and working out problems to get a complete understanding of the problem ." [- Tokens: 28 - Sentence-Labels: {'label': [POSITIVE (0.9821)]}]
POSITIVE
Sentence: "The professor should go slower in his lectures and explain concepts more instead of writing down notes ." [- Tokens: 18 - Sentence-Labels: {'label': [NEGATIVE (0.9177)]}]
NEGATIVE
Sentence: "In addition to teaching the material , it is nice when they also connect the material to real life . For example , in EE233 we learn about filters which can be found in radios and cell phones among other electronics ." [- Tokens: 42 - Sentence-Labels: {'label': [POSITIVE (0.9955)]}]
POSITIVE
Sentence: "When introducing a new concept , start with a familiar topic and transition to the new concept gradually ." [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9945)]}]
POSITIVE
Sentence: "Cover examples closer to homework or the exam in class . A lot of the material in lecture is not sufficient enough for understanding of homework problems ." [- Tokens: 28 - Sentence-Labels: {'label': [NEGATIVE (0.9998)]}]
NEGATIVE
Sentence: "Explain well and derive , rather than just writing on the board copying from their notes ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.7172)]}]
POSITIVE
Sentence: "Explain why something is done , as opposed to stating it as if by being spoken that teaching is logical and perfect . Some concepts are easy to conclude to , whereas others are fairly farfetched and probably took a few years for the founder to fully root in their head ." [- Tokens: 52 - Sentence-Labels: {'label': [NEGATIVE (0.8202)]}]
NEGATIVE
Sentence: "Revisit material covered in lecture in different contexts" [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.9951)]}]
POSITIVE
Sentence: "I think professors are often vague about what material should be focused on for midterms . Often times we as students are forced to guess what concepts are important and we have to try to study everything we have covered the same amount . For me , this results in having a basic understanding of everything and

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is n't very helpful when I get on a test that requires me to have an in depth understanding of just a couple topics ." [- Tokens: 82 - Sentence-Labels: {'label': [NEGATIVE (0.9977)]}]

NEGATIVE

Sentence: "Assign seats" [- Tokens: 2 - Sentence-Labels: {'label': [POSITIVE (0.8054)]}]

POSITIVE

Sentence: "Being straight forward with the skills , both hard and soft , needed to succeed in a class ." [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9991)]}]

POSITIVE

Sentence: "Use analogies to present new material and get students excited about learning the material ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9992)]}]

POSITIVE

Sentence: "Provide examples of real world applications , cite references for information presented in slides ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9922)]}]

POSITIVE

Sentence: "Take the time to gauge the classes overall understanding throughout the entire lecture . Such as , after completing a small section of the days material , stop to see if anyone has questions or areas the class still feels uneasy or unsure about ." [- Tokens: 45 - Sentence-Labels: {'label': [NEGATIVE (0.9975)]}]

NEGATIVE

Sentence: "It is not typical of ME 123 so far , but some professors fail to realize that as pure academics , they make examples hard for students in introductory classes hard to digest and apply to the material . If they could use more applicable real world examples it would help the classroom experience ." [- Tokens: 55 - Sentence-Labels: {'label': [NEGATIVE (0.972)]}]

NEGATIVE

Sentence: "Explain the homework in detail ." [- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.9926)]}]

POSITIVE

Sentence: "Go over examples in class . Best way to ensure that concepts are understood" [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9966)]}]

POSITIVE

Sentence: "Overall I 'd recommend more hands on learning , or active lectures . Too often lectures consist of a professor pointing to slides , and I find that when a professor actually writes out what they are going over while lecturing , I tend to retain it better , and take better notes ." [- Tokens: 54 - Sentence-Labels: {'label': [NEGATIVE (0.9998)]}]

NEGATIVE

Sentence: "Allow students to take notes during lecture and not go too fast ." [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9987)]}]

POSITIVE

Sentence: "The professors can help support by simplifying the material down to our level . Sometimes it can be hard to follow lectures because the professors are experts and we are learning the material for the first time ." [- Tokens: 38 - Sentence-Labels: {'label': [POSITIVE (0.9928)]}]

POSITIVE

Sentence: "Make the lectures feel more interactive -- having the students work through problems in class and then going through and explaining how to solve or work through various problems or topics ." [- Tokens: 32 - Sentence-Labels: {'label': [POSITIVE (0.9989)]}]

POSITIVE

Sentence: "I like the in-class activities . It could be helpful to do them more often ." [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.7937)]}]

POSITIVE

Sentence: "Listing out the big picture of the topics that talked in the class . i.e. Equation relation tree ." [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.953)]}]

POSITIVE

Sentence: "More example problems in lecture for engineering classes and less derivation . Mostly targeted to my CEE 220 class ." [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.9922)]}]

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els: {'label': [NEGATIVE (0.9679)]}]
NEGATIVE
Sentence: "Better explanations when trying to differentiate different types of s
imilar things"  [- Tokens: 11 - Sentence-Labels: {'label': [NEGATIVE (0.93
4)]}]
NEGATIVE
Sentence: "Taking the time to make sure that the class understands a topic . Ins
tead of doing the lectures because they need to get done , take the time to make
sure that the students understand the first topic before proceeding to the secon
d one . Or at least get the majority of the class on the same page ."  [- Token
s: 59 - Sentence-Labels: {'label': [POSITIVE (0.9699)]}]
POSITIVE
Sentence: "go through the steps of solving a question and let students follow al
ong . explain the reasons . also , when teaching definitions , make sure having
some practice problems to go over in class , which helps us to understand the t
erms"  [- Tokens: 43 - Sentence-Labels: {'label': [POSITIVE (0.998)]}]
POSITIVE
Sentence: "To not assume / seem to assume that we know exactly what they are tal
king about in class , despite already doing assigned readings or what not ."
[- Tokens: 28 - Sentence-Labels: {'label': [NEGATIVE (0.9123)]}]
NEGATIVE
Sentence: "Hands on learning rather than long lectures . The classes I did the b
est in were those that gave us a task and had us figure out how to do it on our
own and raise our hands for questions . In ME123 's case , this would sort of b
e like the Lab sections , but without the lecture bit as much ."  [- Tokens: 64
- Sentence-Labels: {'label': [POSITIVE (0.9904)]}]
POSITIVE
Sentence: "I love review days . These help compress lengthy hour long lectures i
nto short chunks of vital information , and can remind students of information t
hey might have forgotten due to maybe learning about it at the beginning of the
year , then never touching it again ."  [- Tokens: 48 - Sentence-Labels: {'la
bel': [POSITIVE (0.9994)]}]
POSITIVE
Sentence: "Make sure that if a topic is going to be put on a test that it is cov
ered in lecture and made clear for everyone of its importance and is taught well
."  [- Tokens: 33 - Sentence-Labels: {'label': [POSITIVE (0.9923)]}]
POSITIVE
Sentence: "- Present the material well . Basically be a good lecturer . Write ou
t notes if it fits better than slides , or vice versa . When asked questions , a
nswer them clearly and concisely as possible . ( Professor jones does this prett
y well ) - note important things when going over new material even if it 's some
what redundant ( ie this is THIS because THIS )"  [- Tokens: 69 - Sentence-Lab
els: {'label': [POSITIVE (0.9928)]}]
POSITIVE
Sentence: "I would like it if my professors could take more questions during lec
tures , I always hear about how students wish profs would take more questions"
[- Tokens: 26 - Sentence-Labels: {'label': [NEGATIVE (0.6049)]}]
NEGATIVE
Sentence: "When deriving equations or doing example problems , to repeatedly ref
er to why we are doing this and what we are solving for . Some problems take a l
ong time and tend to drift off losing track of what we 're doing ."  [- Tokens:
43 - Sentence-Labels: {'label': [NEGATIVE (0.9995)]}]
NEGATIVE
Sentence: "using example to demonstrate concept"  [- Tokens: 5 - Sentence-Labe
ls: {'label': [POSITIVE (0.9995)]}]
POSITIVE
Sentence: "Provide more examples in class ."  [- Tokens: 6 - Sentence-Labels:
{'label': [POSITIVE (0.8972)]}]
POSITIVE
Sentence: "Professors are most useful to my learning when they spend equal time
explaining why / how each problem solving method works and showing how to set u
p and apply them . This split of time use has been present in the classes that I
've been most successful and understood the most from ."  [- Tokens: 54 - Sent
ence-Labels: {'label': [POSITIVE (0.9982)]}]
POSITIVE

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Sentence: "Provide thorough explanations of the material topics / methods in a way different than the book ." [- Tokens: 17 - Sentence-Labels: {'label': [NEGATIVE (0.6296)]}]
 NEGATIVE

Sentence: "Refer to the textbook more and encourage the use of it" [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9148)]}]
 POSITIVE

Sentence: "Have clear examples for problems and make the lecture slides accessible and understanding especially in the context outside of class" [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.9965)]}]
 POSITIVE

Sentence: "Give plenty of examples to clearly explain the topics covered in class and to give insight into homework problems ." [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.9896)]}]
 POSITIVE

Sentence: "Work through more examples of problems we might see on tests" [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9659)]}]
 POSITIVE

Sentence: "Stating clear objectives at the beginning of each lecture so the students have an idea of the overarching theme of the lecture ." [- Tokens: 23 - Sentence-Labels: {'label': [POSITIVE (0.9985)]}]
 POSITIVE

Sentence: "I have noticed that the professors I 've had that take the time to answer questions and do n't purely lecture for an hour have the best response from students and we learn the most . By being open to questions , it makes the bigger lecture halls feel smaller ." [- Tokens: 51 - Sentence-Labels: {'label': [POSITIVE (0.9931)]}]
 POSITIVE

Sentence: "go through how the stuff we learn in class applies to the real world and how we will use it" [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.9934)]}]
 POSITIVE

Sentence: "With a big class , I believe it is best to go over more generic topics so that everybody can understand the concepts of everything , and detailed examples should be provided during lab / sections . Otherwise , the lab would be redundant of the lecture ." [- Tokens: 48 - Sentence-Labels: {'label': [POSITIVE (0.8526)]}]
 POSITIVE

Sentence: "Give more real world examples , make us excited about what we were learning instead of doing another example problem ." [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.86)]}]
 POSITIVE

Sentence: "Clearly answer questions" [- Tokens: 3 - Sentence-Labels: {'label': [POSITIVE (0.9995)]}]
 POSITIVE

Sentence: "Go slightly slower in lectures and emphasize on the most important concepts" [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9133)]}]
 POSITIVE

Sentence: "Examples problems" [- Tokens: 2 - Sentence-Labels: {'label': [NEGATIVE (0.9965)]}]
 NEGATIVE

Sentence: "Provide good examples in class and extra problems that have to do with the homework but are n't required" [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.6524)]}]
 POSITIVE

Sentence: "have good lectures , give good practice problems or test before midterms / final" [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9476)]}]
 POSITIVE

Sentence: "Go through difficult examples for topics in order to better prepare us for tests" [- Tokens: 14 - Sentence-Labels: {'label': [NEGATIVE (0.9965)]}]
 NEGATIVE

Sentence: "Doing concrete examples and showing how to use equations are very helpful ." [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9904)]}]
 POSITIVE

Sentence: "Link the course content to stories / real world examples . It really

helps me with building a solid understanding of the content that the textbook c
 an back up ." [- Tokens: 30 - Sentence-Labels: {'label': [POSITIVE (0.998
 4)}}]
 POSITIVE
 Sentence: "Create carefully developed lectures for the students ." [- Tokens:
 8 - Sentence-Labels: {'label': [POSITIVE (0.9987)}}]
 POSITIVE
 Sentence: "Highlight what 's the important stuff when he is going through proof
 , it 's often lots of steps with one final important part . Try to give a brief
 summary at the end of the lecture ." [- Tokens: 38 - Sentence-Labels: {'labe
 l': [POSITIVE (0.9824)}}]
 POSITIVE
 Sentence: "Professors can give explanations of material based on the context it
 is used in , the way to use the formulas in that context , and how to recognize
 when to use which formulas ." [- Tokens: 35 - Sentence-Labels: {'label': [POS
 ITIVE (0.9943)}}]
 POSITIVE
 Sentence: "Doing a lot of example questions in class and talk about different me
 thods to solve them so that we know how to consider different alternatives when
 given a difficult question in the homework or exam ." [- Tokens: 36 - Senten
 ce-Labels: {'label': [POSITIVE (0.9871)}}]
 POSITIVE
 Sentence: "Probidve as many examples as possible" [- Tokens: 6 - Sentence-Lab
 els: {'label': [POSITIVE (0.9912)}}]
 POSITIVE
 Sentence: "Do n't teach from powerpoint presentations , work through the problem
 s ." [- Tokens: 12 - Sentence-Labels: {'label': [NEGATIVE (0.998)}}]
 NEGATIVE
 Sentence: "Have more coordination between lecture and recitation ." [- Tokens:
 8 - Sentence-Labels: {'label': [POSITIVE (0.6716)}}]
 POSITIVE
 Sentence: "give lots of practice problems" [- Tokens: 5 - Sentence-Labels:
 {'label': [NEGATIVE (0.9986)}}]
 NEGATIVE
 Sentence: "Test review day before each exam . I think that watching my professor
 do practice problems in front of me in very beneficial . Only some of my profess
 ors here do exam reviews but I always really appreciate it when then do ." [-
 Tokens: 43 - Sentence-Labels: {'label': [POSITIVE (0.9943)}}]
 POSITIVE
 Sentence: "Have in class examples of materials to explain concepts ." [- Token
 s: 10 - Sentence-Labels: {'label': [POSITIVE (0.9999)}}]
 POSITIVE
 Sentence: "Professors at UW should talk about examples and situations that occur
 on homeworks and exams , not just the broad knowledge" [- Tokens: 21 - Senten
 ce-Labels: {'label': [POSITIVE (0.9849)}}]
 POSITIVE
 Sentence: "Tell more about how to approach the problems" [- Tokens: 8 - Sente
 nce-Labels: {'label': [POSITIVE (0.9128)}}]
 POSITIVE
 Sentence: "Andrew does a fantastic job with this but other professors could go t
 hrough more relevant examples after presenting the material ." [- Tokens: 21
 - Sentence-Labels: {'label': [POSITIVE (0.9829)}}]
 POSITIVE
 Sentence: "Work through practice problems with the students" [- Tokens: 7 - S
 entence-Labels: {'label': [POSITIVE (0.9628)}}]
 POSITIVE
 Sentence: "Slow down the lectures a little bit to make sure that the students ar
 e understanding what is being taught ." [- Tokens: 20 - Sentence-Labels: {'la
 bel': [POSITIVE (0.9733)}}]
 POSITIVE
 Sentence: "Assign easy problems before hand , then have class teaching the conce
 pts on the types of problems assigned ." [- Tokens: 19 - Sentence-Labels: {'l
 abel': [POSITIVE (0.9741)}}]
 POSITIVE
 Sentence: "More real-world examples of theoretical material . Even if the specif

ic application is outside the scope of the class , it still helps students prior
 itize the important parts and set a standard for mastery of the material ." [-
 Tokens: 38 - Sentence-Labels: {'label': [POSITIVE (0.9993)]}]
 POSITIVE
 Sentence: "Make the lectures relevant to the homework and the exams . Shorter Qu
 iz sections will be helpful as well ." [- Tokens: 20 - Sentence-Labels: {'lab
 el': [POSITIVE (0.9922)]}]
 POSITIVE
 Sentence: "Going over examples in class is the best way to make sure material is
 retained" [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9943)]}]
 POSITIVE
 Sentence: "The most helpful action professors at UW can take to support me in cl
 ass is to go through examples in lecture that are at least somewhat similar to h
 omework and test problems ." [- Tokens: 33 - Sentence-Labels: {'label': [POSI
 TIVE (0.9685)]}]
 POSITIVE
 Sentence: "Give an outline of what we are about to cover and were we are going s
 o that we can get a clear goal in mind ." [- Tokens: 26 - Sentence-Labels:
 {'label': [POSITIVE (0.9828)]}]
 POSITIVE
 Sentence: "Give an overview of what will be taught at the beginning of class"
 [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9976)]}]
 POSITIVE
 Sentence: "Thoroughly explain the material (how to apply it , why they are foll
 owing the steps they take during examples) Extra office hours before exams Sche
 duling due dates for assignments in a logical manner / offering extensions as se
 eing fit" [- Tokens: 41 - Sentence-Labels: {'label': [POSITIVE (0.9752)]}]
 POSITIVE
 Sentence: "Accurately describe what they are looking for / what the goals of the
 course are / what the course content means in the context of the major or degree
 that is being pursued that requires the class ." [- Tokens: 38 - Sentence-Lab
 els: {'label': [POSITIVE (1.0)]}]
 POSITIVE
 Sentence: "Lectures were pretty good , possibly have more practice problems duri
 ng lectures" [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.7523)]}]
 POSITIVE
 Sentence: "Go over practice midterms and finals in class before the real ones ."
 [- Tokens: 13 - Sentence-Labels: {'label': [NEGATIVE (0.9842)]}]
 NEGATIVE
 Sentence: "Cover all of the material" [- Tokens: 5 - Sentence-Labels: {'labe
 l': [POSITIVE (0.9926)]}]
 POSITIVE
 Sentence: "Working through example problems in class ." [- Tokens: 7 - Senten
 ce-Labels: {'label': [POSITIVE (0.9954)]}]
 POSITIVE
 Sentence: "Provide a better structure to lectures . Headings , sub headings and
 explanations would be beneficial to learning" [- Tokens: 18 - Sentence-Label
 s: {'label': [NEGATIVE (0.7809)]}]
 NEGATIVE
 Sentence: "Professor does a pretty good job the concept , but maybe we could go
 over more examples so we get a better feel on how to apply it to problems ."
 [- Tokens: 31 - Sentence-Labels: {'label': [POSITIVE (0.5156)]}]
 POSITIVE
 Sentence: "better prepare us for questions we will receive on exams . the exampl
 e questions in lectures are too easy while we get questioned about things we wer
 ent prepared for as thoroughly ." [- Tokens: 32 - Sentence-Labels: {'label':
 [NEGATIVE (0.999)]}]
 NEGATIVE
 Sentence: "Give 2 examples of each concept , one simple example and one harder e
 xample ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.7286)]}]
 POSITIVE
 Sentence: "Better lecture , no more " is that good ? "" [- Tokens: 11 - Sente
 nce-Labels: {'label': [NEGATIVE (0.9878)]}]
 NEGATIVE
 Sentence: "Take the time to explain concepts more in depth so that it will be ea

sier to understand" [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.54)]}]

POSITIVE

Sentence: "Ask the students if they are going too fast or too slow every once in awhile . Check private messages as well in Zoom calls ." [- Tokens: 26 - Sentence-Labels: {'label': [NEGATIVE (0.9217)]}]

NEGATIVE

Sentence: "I do wish the practice quizzes accompanied with every lecture were mandatory . It encourages students to keep up with the asynchrono0 lectures . I * really * wish lectures were done in real time beca0e student-to-student communication would spark A LOT more . (This class vs. my CEE class , which is held in real time , has so much more student communication. This class feels like it has close to none .)" [- Tokens: 76 - Sentence-Labels: {'label': [POSITIVE (0.9547)]}]

POSITIVE

Sentence: "Answering questions and solving different types of practice problems and not just going over the concept . I also wish that the professor had posted lecture notes online , because sometimes I cannot comprehend the handwriting and I have a lot of missing sections from the notes ." [- Tokens: 48 - Sentence-Labels: {'label': [NEGATIVE (0.8101)]}]

NEGATIVE

Sentence: "Encourage asking questions , especially " dumb " questions . So many times I see instructors present entirely new material , often at too fast a pace for students to fully process . The resulting silence from the lecture is not because everyone understands instantly - rather , it is due to the students not fully knowing what they do not understand about the material yet . Obviously this comes down to time constraints , class size , etc , but many instructors (especially in the math department) seem either oblivious that students are not simply absorbing material as fast as they can write it down . It takes time ." [- Tokens: 113 - Sentence-Labels: {'label': [NEGATIVE (0.9992)]}]

NEGATIVE

Sentence: "Be open and accessible for asking questions during lecture and offering alternate explanations when the first does n't clarify the question ." [- Tokens: 22 - Sentence-Labels: {'label': [POSITIVE (0.8541)]}]

POSITIVE

Sentence: "make sure to keep engagement high , e.g. with breakout rooms or asking questions of the group , also 0ing a dynamic and interesting / easy-to-focus-on lecturing style is good (although some topics are easier for this than others)" [- Tokens: 41 - Sentence-Labels: {'label': [POSITIVE (0.9948)]}]

POSITIVE

Sentence: "In online classes it is especially helpful when professors do extra to increase engagement during the lectures . Working through problems , asking questions , etc . Engagement falls automatically with online lectures , so it takes extra to bring it back to a normal level ." [- Tokens: 47 - Sentence-Labels: {'label': [POSITIVE (0.9893)]}]

POSITIVE

Sentence: "Make the lectures as interactive as possible to make in-person attendance valuable and worthwhile ; online recordings and copies of lecture materials are very helpful for review as well as substituting for in-person attendance if needed ." [- Tokens: 37 - Sentence-Labels: {'label': [POSITIVE (0.9961)]}]

POSITIVE

Sentence: "Please always have the chat enabled for messaging everyone during lectures . Many would prefer not to ask questions directly to the professor , and those that are shy to ask in the group will message the professor anyways . In many cases it is convenient , albeit boring for the professor , for 0 to type a response to a question . Additionally I think there should be a minimum of two hours of office hours for each member of the instruction team for each course . Office hours have been very b0y , in my experience , beca0e of this online ability . In fact , office hours in the future should be available during Zoom for some of 0 that may not live on camp0 , and office hours often fall outside of convenient times when we may be on camp0 . There is also no compensation for the fact that many of 0 are not in a suitable learning environment . It may be difficult to test in our given environment ." [- Tokens: 176 - Sentence-Labels: {'label': [NEGATIVE (0.9949)]}]

NEGATIVE

Sentence: "Using breakout rooms to allow students to discuss topics or problems has been helpful and has helped me to stay engaged . Also offering extra office hours or even just holding office hours right before or after class ." [- Tokens: 39 - Sentence-Labels: {'label': [POSITIVE (0.9949)]}]
 POSITIVE

Sentence: "I would say take the time to answer all the questions I have . Whether that be in class , email , or office hours . If we are taking our time to learn the material they are teaching they should be able to take the time to answer our questions ." [- Tokens: 52 - Sentence-Labels: {'label': [NEGATIVE (0.866)]}]
 NEGATIVE

Sentence: "The key difference between online and in-person class is student engagement . Focusing on this would likely make courses much more enriching when taught online . Professors should , therefore , focus on improving this aspect of their lectures by asking questions , creating interactive activities like polling , hosting frequent office hours , etc ." [- Tokens: 56 - Sentence-Labels: {'label': [POSITIVE (0.9952)]}]
 POSITIVE

Sentence: "Being able to take questions during lecture ." [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.9981)]}]
 POSITIVE

Sentence: "Waste less class time answering a ton on individual student questions during class time . It often felt like every 30 seconds some student would interrupt the lecture with a question to clarify something that I didn't need and made it hard to actually learn anything . In person classes have far less student questions and when students are confused they can go to office hours rather than having professors waste my time answering every little question that comes up . Because of this I stopped watching lectures after week 3 to just read the book instead ." [- Tokens: 99 - Sentence-Labels: {'label': [NEGATIVE (1.0)]}]
 NEGATIVE

Sentence: "The professors should try to get the class more involved . All of my professors are open to asking questions , but there isn't a lot of other involvement . Many students don't feel comfortable interrupting the professor to ask a question ." [- Tokens: 46 - Sentence-Labels: {'label': [NEGATIVE (0.9971)]}]
 NEGATIVE

Sentence: "Leave space for students to ask questions . This can be challenging when it feels like you are interrupting the professor in order to ask your question ." [- Tokens: 28 - Sentence-Labels: {'label': [NEGATIVE (0.9324)]}]
 NEGATIVE

Sentence: "Be open to student feedback . I personally like how Professor Wilson has asked during lecture what she could be doing to help . That type of active questioning is really helpful ." [- Tokens: 35 - Sentence-Labels: {'label': [POSITIVE (0.9325)]}]
 POSITIVE

Sentence: "Professor lets student ask questions during the class" [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.9759)]}]
 POSITIVE

Sentence: "Spend time to answer questions in class time" [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.9875)]}]
 POSITIVE

Sentence: "I kind of hoped that the professor didn't disable the class chat in Zoom . Because we couldn't really know what questions other students had , and did not have a good way of asking questions in class ." [- Tokens: 41 - Sentence-Labels: {'label': [NEGATIVE (1.0)]}]
 NEGATIVE

Sentence: "- Breakout rooms during breaks - Have student intros on first day - More get to know your classmate kind of activities" [- Tokens: 23 - Sentence-Labels: {'label': [POSITIVE (0.9362)]}]
 POSITIVE

Sentence: "When they allow students to chat with each other privately on zoom , it's nice because then you can ask other students clarifying questions instead of slowing the professor down and having them answer follow up questions ." [- Tokens: 39 - Sentence-Labels: {'label': [POSITIVE (0.9607)]}]
 POSITIVE

Sentence: "Watch the participants and chat tabs in Zoom during lecture . Student s are often too polite to interrupt the professor . In a physical classroom a raised hand allows the professor to finish their sentence before addressing the question . There is n't a good analogy in an online lecture , so it is easier to miss a question" [- Tokens: 59 - Sentence-Labels: {'label': [POSITIVE (0.6978)]}]
 POSITIVE

Sentence: "While the professor in this class doing an excellent job delivering the online lecture , maybe he should be more active interaction with students . For instance , initiate a conversation with students , asking questions , etc" [- Tokens: 38 - Sentence-Labels: {'label': [NEGATIVE (0.9957)]}]
 NEGATIVE

Sentence: "The breakout rooms in lectures to allow students to still have interaction with one another ." [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9988)]}]
 POSITIVE

Sentence: "Interacting with students and allowing them to talk with other students like the break out room allows the online class to have a somewhat similar environment as the real life class ." [- Tokens: 32 - Sentence-Labels: {'label': [POSITIVE (0.9966)]}]
 POSITIVE

Sentence: "Answer student questions students ask in the zoom chat ." [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9361)]}]
 POSITIVE

Sentence: "I feel that it really helps if professors at UW engage with their students instead of just posting material for them to absorb . Like having mandatory zoom discussions ." [- Tokens: 30 - Sentence-Labels: {'label': [POSITIVE (0.9857)]}]
 POSITIVE

Sentence: "Providing opportunities to ask questions . I like having the asynchronous lectures and saving class time for office hours ." [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.9928)]}]
 POSITIVE

Sentence: "Professors need to stay more on topic during lectures and spend less time answering every question students have , because its hard to actually learn anything if lectures are constantly interrupted by students ." [- Tokens: 34 - Sentence-Labels: {'label': [NEGATIVE (0.9977)]}]
 NEGATIVE

Sentence: "Be attentive to students in class to see if they 're keeping up with the lecture (observe for frantic note-taking) ." [- Tokens: 23 - Sentence-Labels: {'label': [POSITIVE (0.9512)]}]
 POSITIVE

Sentence: "provide an environment that invites questions and commentary from students . (mostly already does)" [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9928)]}]
 POSITIVE

Sentence: "Ask Students more questions ." [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.8173)]}]
 POSITIVE

Sentence: "Get more involved with the classroom during lecture . I feel like in a lot of my classes , the professor just reads off slides or old notes . This is a really impersonal and , in my opinion , ineffective way of teaching students a subject . With more interaction , the students would be more invested and attentive to the lecture ." [- Tokens: 64 - Sentence-Labels: {'label': [NEGATIVE (1.0)]}]
 NEGATIVE

Sentence: "Professors should welcome questions during class and pause to see if there are any questions . (within reason)" [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.6225)]}]
 POSITIVE

Sentence: "Encourage questions and interaction with the material through interactive classes , as well as working with TAs to encourage personal exploration of the material ." [- Tokens: 25 - Sentence-Labels: {'label': [POSITIVE (0.9964)]}]
 POSITIVE

Sentence: "Give enough time for students to answer questions on their own before giving the answer to questions on lecture slides . Also press students to answer questions . Students are often timid to answer questions in class ." [- Tokens: 38 - Sentence-Labels: {'label': [POSITIVE (0.7954)]}]
 POSITIVE

Sentence: "Take time to make sure that we understand the material in lectures . I feel like most of the time , the professors are so concerned with covering as much material as possible , that they do n't focus enough on making sure we understand really key concepts ." [- Tokens: 49 - Sentence-Labels: {'label': [NEGATIVE (0.9262)]}]
 NEGATIVE

Sentence: "Having more time to answer questions during lecture , instead of rushing through material in order to cover more topics ." [- Tokens: 21 - Sentence-Labels: {'label': [POSITIVE (0.9023)]}]
 POSITIVE

Sentence: "Be as engaging as possible , despite having to pre-record lectures and post digital course materials , including interactive / creative and engaging course elements to keep a positive mentality ." [- Tokens: 31 - Sentence-Labels: {'label': [POSITIVE (0.999)]}]
 POSITIVE

Sentence: "I think that being engaging and interesting is extremely important in online lectures , I find it much harder to be engaged than before . Also a clear structure is really beneficial ." [- Tokens: 33 - Sentence-Labels: {'label': [NEGATIVE (0.7843)]}]
 NEGATIVE

Sentence: "Make everything very clear and be responsive to emails and messages regarding questions ." [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9883)]}]
 POSITIVE

Sentence: "Create an encouraging atmosphere for questions , be humorous and engaging during lecture ." [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9995)]}]
 POSITIVE

Sentence: "Be interested in the success of their students and find different ways to teach in order to help students learn ." [- Tokens: 21 - Sentence-Labels: {'label': [POSITIVE (0.8661)]}]
 POSITIVE

Sentence: "I just want the teachers to know what they are talking about . Some of the professors I have had go through lecture reading off slides do n't provide good explanations to student questions or in class examples . Students should n't be correcting professors during class but it happen far too often so if this could stop and professors who are actually knowledgeable the subject be the ones teaching ." [- Tokens: 71 - Sentence-Labels: {'label': [NEGATIVE (0.9436)]}]
 NEGATIVE

Sentence: "I think teaching with enthusiasm , clear voice , and preparation helps in disseminating information to students ." [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.9961)]}]
 POSITIVE

Sentence: "Keep lectures fresh and interesting , not just talking with slides ; demos are always fun" [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.997)]}]
 POSITIVE

Sentence: "Professor actually care about 0 . proper in class problems , when we ask questions she is always answering it with her patience ." [- Tokens: 24 - Sentence-Labels: {'label': [POSITIVE (0.9862)]}]
 POSITIVE

Sentence: "Be as organized as possible . Give advice on how to learn the material and success in class . Be friendly so students can / are willing to approach the professor" [- Tokens: 31 - Sentence-Labels: {'label': [POSITIVE (0.8466)]}]
 POSITIVE

Sentence: "Be more friendly and non monotonous while lecturing" [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.8059)]}]
 POSITIVE

Sentence: "Be clear and organized ." [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9778)]}]
 POSITIVE

Sentence: "care about the students and activity engage in wanting us to learn , making material as interesting and engaging the class and being positive and happy people" [- Tokens: 27 - Sentence-Labels: {'label': [POSITIVE (0.9959)]}]
 POSITIVE

Sentence: "By being clear and concise in lectures . Profs going off on tangents wastes class time and can further confuse students ." [- Tokens: 22 - Sentence-Labels: {'label': [NEGATIVE (0.9995)]}]
 NEGATIVE

Sentence: "One action the professors can take would be having well written lecture slides that are easy to follow and practice exams that reflect their coursework ." [- Tokens: 26 - Sentence-Labels: {'label': [NEGATIVE (0.9448)]}]
 NEGATIVE

Sentence: "Be understanding of unforeseen circumstances related to technology ; provide lecture recordings ; scale projects accordingly" [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9123)]}]
 POSITIVE

Sentence: "Making sure lecture is as clear an understandable as possible , and that resources are provided for online access" [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9863)]}]
 POSITIVE

Sentence: "post lecture videos and class notes . Being well organized with all the class material" [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9887)]}]
 POSITIVE

Sentence: "Create concise lecture notes after each lecture" [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.9995)]}]
 POSITIVE

Sentence: "Have clearly organized classes where the readings , lesson plan , and supportive material is all clearly laid out (on a site such as canvas .) Make sure every single homework question , example , and lecture is purposeful and contributes directly to the core material that you want students to learn ." [- Tokens: 55 - Sentence-Labels: {'label': [POSITIVE (0.9999)]}]
 POSITIVE

Sentence: "write clear notes that can be posted online , so that we can review topics that we did n't understand" [- Tokens: 20 - Sentence-Labels: {'label': [NEGATIVE (0.9971)]}]
 NEGATIVE

Sentence: "Making sure lecture recordings are clear and easy to understand . Also making sure in classes such as EE 215 where we have decided to do entirely pre-recorded lectures , that the professor responds to emails quickly so there is good communication for asking questions" [- Tokens: 45 - Sentence-Labels: {'label': [POSITIVE (0.9973)]}]
 POSITIVE

Sentence: "Making resources more clear and more online-friendly since that is the only option available right now . Furthermore , making office hours longer or restructuring them so more people can get help at once would make for a more productive experience ." [- Tokens: 42 - Sentence-Labels: {'label': [POSITIVE (0.9861)]}]
 POSITIVE

Sentence: "Be understanding , reach out to students who are having a hard time ." [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9956)]}]
 POSITIVE

Sentence: "Make sure all course material is presented in up a neat and organized manner . Make sure that the students are learning the material and are able to keep up with the course work ." [- Tokens: 35 - Sentence-Labels: {'label': [POSITIVE (0.9981)]}]
 POSITIVE

Sentence: "Making sure that class is flexible and changes if we need it ." [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9984)]}]
 POSITIVE

Sentence: "Make sure they are clearly describing each topic for the class especially when the lectures are prerecorded and there is no chance to ask questions

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POSITIVE
Sentence: "Taking the time to listen to the students ."    [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.9902)]}]
POSITIVE
Sentence: "Be understanding of attendance / deadlines and work load ."    [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.8919)]}]
POSITIVE
Sentence: "Explain materials clearly"    [- Tokens: 3 - Sentence-Labels: {'label': [POSITIVE (0.9998)]}]
POSITIVE
Sentence: "Be flexible"    [- Tokens: 2 - Sentence-Labels: {'label': [POSITIVE (0.9126)]}]
POSITIVE
Sentence: "more concise notes / review"    [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9783)]}]
POSITIVE
Sentence: "be more understanding of the student 's situation and understand that some student have really difficult learning in a stressed environment . Showing signs not understanding puts student at a situation that makes them very difficult to focus on the materials at hand eventually become more stressed to perform . It becomes a downward cascade that spirals to 1 performance ."    [- Tokens: 61 - Sentence-Labels: {'label': [NEGATIVE (1.0)]}]
NEGATIVE
Sentence: "Been flexible"    [- Tokens: 2 - Sentence-Labels: {'label': [POSITIVE (0.5291)]}]
POSITIVE
Sentence: "Make clear explanations ."    [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.992)]}]
POSITIVE
Sentence: "The lecture note can be more clear and organized ."    [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.5708)]}]
POSITIVE
Sentence: "Internalize feedback from students"    [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.8687)]}]
POSITIVE
Sentence: "Do n't skip logic when explaining things or assume we know the given information"    [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9915)]}]
POSITIVE
Sentence: "Continue making clear explanations about the lecture materials ."    [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.97)]}]
POSITIVE
Sentence: "Being patient since online classes are new to many ."    [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9639)]}]
POSITIVE
Sentence: "Sympathize with students who have technical difficulties ."    [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.9857)]}]
POSITIVE
Sentence: "Understand that learning at home is much more difficult than on campus in person classes ."    [- Tokens: 17 - Sentence-Labels: {'label': [NEGATIVE (0.9884)]}]
NEGATIVE
Sentence: "Be more receptive of criticism"    [- Tokens: 5 - Sentence-Labels: {'label': [NEGATIVE (0.9882)]}]
NEGATIVE
Sentence: "Tells some jokes to make the lectures more interesting . Honestly the format is good but online class is not easy to get attentions from students"    [- Tokens: 26 - Sentence-Labels: {'label': [NEGATIVE (0.9975)]}]
NEGATIVE
Sentence: "Provide engaging lectures ."    [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9971)]}]
POSITIVE
Sentence: "When lecturing , please be more enthusiastic when lecturing than in the classroom because it is harder to concentrate in an online class . Professors t

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hat speak with more excitement and engage students are easier to focus on at home . Home can be very distracting ." [- Tokens: 47 - Sentence-Labels: {'label': [NEGATIVE (0.958)]}]

NEGATIVE

Sentence: "Be engaged" [- Tokens: 2 - Sentence-Labels: {'label': [NEGATIVE (0.9561)]}]

NEGATIVE

Sentence: "Try and be the most accommodating to the students ." [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.996)]}]

POSITIVE

Sentence: "Be understanding ! Realize that being at home can be even more stressful of an environment than at school so the amount of work that should be expected should not be more than normal ." [- Tokens: 35 - Sentence-Labels: {'label': [POSITIVE (0.7621)]}]

POSITIVE

Sentence: "Being accommodating to our access to technology from home , without libraries or UW , the technology I have to complete my assignments are limited ." [- Tokens: 26 - Sentence-Labels: {'label': [POSITIVE (0.9855)]}]

POSITIVE

Sentence: "Listen closely to student feedback about structure , styles , teaching methods , etc. and update classes accordingly . Its much harder to learn online if even one part of the class impedes learning , and professors should listen even more closely than normal to student feedback ." [- Tokens: 48 - Sentence-Labels: {'label': [NEGATIVE (0.756)]}]

NEGATIVE

Sentence: "Make lectures engaging for the students so that people actually listen to the zoom call ." [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9978)]}]

POSITIVE

Sentence: "Engaging lectures" [- Tokens: 2 - Sentence-Labels: {'label': [POSITIVE (0.9993)]}]

POSITIVE

Sentence: "Be understanding of the challenges that accompany online learning" [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.9897)]}]

POSITIVE

Sentence: "Being accommodating is really helpful . Using technology is super stressful for a lot of people (myself included) and when things go wrong , it 's a lot more complicated to fix than in person ." [- Tokens: 38 - Sentence-Labels: {'label': [POSITIVE (0.8796)]}]

POSITIVE

Sentence: "Live lectures that are more engaging and encourage participation ." [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9823)]}]

POSITIVE

Sentence: "I think that the professors willingness to work with students to find what works best with 0 was helpful to me and I am sure a lot of other students ." [- Tokens: 31 - Sentence-Labels: {'label': [POSITIVE (0.9646)]}]

POSITIVE

Sentence: "Being flexible and accommodating to any problems that may come up" [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9973)]}]

POSITIVE

Sentence: "Time flexibility" [- Tokens: 2 - Sentence-Labels: {'label': [POSITIVE (0.7595)]}]

POSITIVE

Sentence: "Write notes clearly by verbally explaining each variable and explain what your writing as your doing it ." [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.9984)]}]

POSITIVE

Sentence: "Make it less stressful" [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9986)]}]

POSITIVE

Sentence: "be engaging ... show some cool live examples or something . dry zoom lectures are so last month ." [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9461)]}]

POSITIVE

Sentence: "Support 0 in completing work at our own pace ." [- Tokens: 10 - Se

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ntence-Labels: {'label': [POSITIVE (0.9938)]}]
POSITIVE
Sentence: "Engaging lectures"    [- Tokens: 2  - Sentence-Labels: {'label': [POSITIVE (0.9993)]}]
POSITIVE
Sentence: "Taking different time zones into consideration"    [- Tokens: 6  - Sentence-Labels: {'label': [POSITIVE (0.9892)]}]
POSITIVE
Sentence: "Be more approachable . This can be done by making it very clear through body language , and emotion , that theyre interested in our success and are willing to help us to get be successful . This is hard if a professor is n't interested , but if they are , being as genuine as possible with students helps us ( or me at least ) feel like theyre approachable , which makes me want to succeed more ."    [- Tokens: 80  - Sentence-Labels: {'label': [POSITIVE (0.9986)]}]
POSITIVE
Sentence: "Be as interactive as possible with students and include elements such as class problems and survey questions that actively test learning . Then both students and teachers get better feedback on what needs more work ."    [- Tokens: 36  - Sentence-Labels: {'label': [POSITIVE (0.9534)]}]
POSITIVE
Sentence: "Be sure to be accommodating for anything that might come up and make the online sessions friendly and welcoming ."    [- Tokens: 20  - Sentence-Labels: {'label': [POSITIVE (0.9495)]}]
POSITIVE
Sentence: "explain the question clearly in lecture"    [- Tokens: 6  - Sentence-Labels: {'label': [POSITIVE (0.9768)]}]
POSITIVE
Sentence: "To go over material in a consistent manner and make sure that he explains it well ."    [- Tokens: 17  - Sentence-Labels: {'label': [POSITIVE (0.9998)]}]
POSITIVE
Sentence: "The most important to me is clear and detailed explanation . Some professors assume that students know materials , but sometimes it is not beneficial to students ."    [- Tokens: 28  - Sentence-Labels: {'label': [POSITIVE (0.999)]}]
POSITIVE
Sentence: "Having a clear lecture plan ( what they will cover ) and then following it ."    [- Tokens: 16  - Sentence-Labels: {'label': [POSITIVE (0.9713)]}]
POSITIVE
Sentence: "Engage students more"    [- Tokens: 3  - Sentence-Labels: {'label': [POSITIVE (0.9986)]}]
POSITIVE
Sentence: "Have clear , well structured lectures that explain the concepts we are learning well ."    [- Tokens: 15  - Sentence-Labels: {'label': [POSITIVE (0.9992)]}]
POSITIVE
Sentence: "Try to seem more empathetic to students"    [- Tokens: 7  - Sentence-Labels: {'label': [NEGATIVE (0.9906)]}]
NEGATIVE
Sentence: "I wish some professor would care a little more and put some more effort in their lectures . Some professors come to class and just read their slides and that 's pretty much it ."    [- Tokens: 35  - Sentence-Labels: {'label': [NEGATIVE (0.9675)]}]
NEGATIVE
Sentence: "Be engaged with how the students learn the material and interested in knowing what concepts are easier / more difficult to grasp . It is productive when a teacher is aware of the difficulties of what he / she is teaching . Being able to communicate that is a great way to have a class of students learning at a steady pace ."    [- Tokens: 63  - Sentence-Labels: {'label': [POSITIVE (0.999)]}]
POSITIVE
Sentence: "One action is that they should be friendly through all interactions with students so we can feel comfortable in approaching the professor if we have any questions or need help with course related material ."    [- Tokens: 35  - Sentence-Labels: {'label': [POSITIVE (0.7976)]}]

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POSITIVE

Sentence: "be more organized with slides and classes" [- Tokens: 7 - Sentence-Labels: {'label': [NEGATIVE (0.9435)]}]

NEGATIVE

Sentence: "Be clear in expectations and content" [- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.9938)]}]

POSITIVE

Sentence: "Showing up to lecture prepared to teach" [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.9918)]}]

POSITIVE

Sentence: "My professors at UW can show excitement in the material . A professor who shows how much they love the material through excitement helps give me reason for wanting to learn it ." [- Tokens: 33 - Sentence-Labels: {'label': [POSITIVE (0.9993)]}]

POSITIVE

Sentence: "Be excited and enthusiastic about their subject and their class ." [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9864)]}]

POSITIVE

Sentence: "The best action I believe my professors can take is to listen to their students . Through reviews , ratemyprofessor , and general body language in class , a professor can come to understand what students have trouble with in class and in that way the professor can plan a way to adapt their lectures and material to address these concerns" [- Tokens: 61 - Sentence-Labels: {'label': [POSITIVE (0.9783)]}]

POSITIVE

Sentence: "They can provide clear instruction on material ." [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.9939)]}]

POSITIVE

Sentence: "Be enthusiastic about their subject" [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9903)]}]

POSITIVE

Sentence: "Do n't mind the simple questions ." [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.6289)]}]

POSITIVE

Sentence: "Be a little more clear and less mistake prone during lectures" [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.5661)]}]

POSITIVE

Sentence: "Clear lectures" [- Tokens: 2 - Sentence-Labels: {'label': [POSITIVE (0.9994)]}]

POSITIVE

Sentence: "Clear work and diagrams when lecturing . Appropriately named variables ." [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9999)]}]

POSITIVE

Sentence: "Be clear on the consistency of using the same formulas to go about problems in order to simplify problems that look very messy ." [- Tokens: 24 - Sentence-Labels: {'label': [NEGATIVE (0.9228)]}]

NEGATIVE

Sentence: "The single thing that most matters to me is whether the professor cares how the students are learning . It 's valuable when a professor cares that every student learns ." [- Tokens: 31 - Sentence-Labels: {'label': [POSITIVE (0.8272)]}]

POSITIVE

Sentence: "Professors can prepare good lecture slides and notes so that time is used efficiently in class . That way , students stay engaged because the presentation is more effective ." [- Tokens: 30 - Sentence-Labels: {'label': [POSITIVE (0.9956)]}]

POSITIVE

Sentence: "Create a accepting atmosphere within classrooms (ie All questions are valid and worth hearing / answering) ." [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9951)]}]

POSITIVE

Sentence: "I have no doubt they are incredibly smart but most of them do not know how to teach effectively the topic they excel in . I think one of my best teachers went back to school to learn how to teach physics in a way so students can understand , and it effected my learning in such a positive way ." [- Tokens:


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61 - Sentence-Labels: {'label': [POSITIVE (0.9963)]}]
POSITIVE
Sentence: "clear with his explanations"    [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9973)]}]
POSITIVE
Sentence: "making course objectives very clear"    [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9996)]}]
POSITIVE
Sentence: "Clear and concise lecture notes"    [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9991)]}]
POSITIVE
Sentence: "give lectures with well arranged materials and concepts"    [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.9992)]}]
POSITIVE
Sentence: "Try to explain things in the most commonly understandable way as possible ."    [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9944)]}]
POSITIVE
Sentence: "Ensuring that lecture material is clearly conveyed through visual representation and clear speaking ."    [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9999)]}]
POSITIVE
Sentence: "Be flexible and check email often"    [- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.8148)]}]
POSITIVE
Sentence: "To be more clear in lecture , lecture is a little slow and can get tedious . Different expressions and representations of the material will help deepen the learning ."    [- Tokens: 30 - Sentence-Labels: {'label': [NEGATIVE (0.9973)]}]
NEGATIVE
Sentence: "Make the lectures as interesting as possible ."    [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.9986)]}]
POSITIVE
Sentence: "I am not too sure if this is possible , but maybe give students the licensing for MultiSim and available external hard drives for high-memory demanding tasks so that students can perform lab assignment with equal accessibility to the same technology . Also , send students the lab kit so that students can maybe build circuits that they can potentially use even when other equipment is not available at the moment but maybe use after the COVID-19 lock-down is lifted ."    [- Tokens: 81 - Sentence-Labels: {'label': [NEGATIVE (0.992)]}]
NEGATIVE
Sentence: "Give extra practice problems for tests and give instruction on things like lab maybe a little more than they usually would because it is sometimes difficult to do those problems ."    [- Tokens: 31 - Sentence-Labels: {'label': [POSITIVE (0.6128)]}]
POSITIVE
Sentence: "Make document summarizing all important equations and scenarios ; discuss labs"    [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9916)]}]
POSITIVE
Sentence: "Do n't make labs the same way . It 's impossible to work in a group throughout zoom"    [- Tokens: 18 - Sentence-Labels: {'label': [NEGATIVE (1.0)]}]
NEGATIVE
Sentence: "Mail lab equipment to students"    [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9851)]}]
POSITIVE
Sentence: "One thing that would be better is to have a system to interact with teachers a lot better especially in labs"    [- Tokens: 20 - Sentence-Labels: {'label': [NEGATIVE (0.9922)]}]
NEGATIVE
Sentence: "I would like a lot more guidance on the labs . The labs have been very confusing to follow this quarter , and some extra help would be appreciated ."    [- Tokens: 30 - Sentence-Labels: {'label': [NEGATIVE (0.9805)]}]
NEGATIVE
Sentence: "It would be a lot more better if the labs were group work . I think we all had a hard time figuring out the labs alone . Also writing the lectures on a piece of paper would be more helpful than writing on a tablet . It is so hard

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to read the hand writings when they are written on a tablet ." [- Tokens: 64
- Sentence-Labels: {'label': [NEGATIVE (1.0)]}]
NEGATIVE
Sentence: "Lab assignments this quarter are ca0ing me the most trouble . Making
sure the manuals are updated with all the information requested by students is
the first step to making sure the labs can get done on time in the situation .
This is probably the biggest ca0e of stress for students ." [- Tokens: 53 -
Sentence-Labels: {'label': [NEGATIVE (0.9979)]}]
NEGATIVE
Sentence: "STOP EXPECTING STUDENTS TO DO SIMULATIONS AT HOME ! This is unfair to
ler students who do n't have the hardware or internet connection to support it .
Instead , you could do a lab demonstration and have the students take a quiz on
it . I understand that this is not the same as actually doing the lab , but you
ca n't expect the learning to be exactly the same right now . Each lab took me >
15 hours beca0e my computer would crash or my internet connection was slow ." [- Tokens: 94 - Sentence-Labels: {'label': [NEGATIVE (0.9999)]}]
NEGATIVE
Sentence: "Offering in session labs" [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9963)]}]
POSITIVE
Sentence: "Offering disc0sion sections and zoom hours to do over the lab / disc0
sion questions ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.99
7)]}]
POSITIVE
Sentence: "Offer zoom call lab sessions and more explanations of how to approach
problems rather than recordings of simply practice problems" [- Tokens: 20 -
Sentence-Labels: {'label': [POSITIVE (0.8448)]}]
POSITIVE
Sentence: "More talk about lab material in class because the T.A. ' s run go thr
ough the learnings too quickly ." [- Tokens: 20 - Sentence-Labels: {'label':
[NEGATIVE (0.9969)]}]
NEGATIVE
Sentence: "Focusing more about solidworks" [- Tokens: 4 - Sentence-Labels:
{ 'label': [NEGATIVE (0.599)]}]
NEGATIVE
Sentence: "I think that my professors are doing the best that they can ." [- T
okens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9956)]}]
POSITIVE
Sentence: "There really is n't anything else they can do under this circumstance
." [- Tokens: 13 - Sentence-Labels: {'label': [NEGATIVE (0.9993)]}]
NEGATIVE
Sentence: "I think my professor did well enough to deliver this class online . I
like his teaching style ." [- Tokens: 19 - Sentence-Labels: {'label': [POSITI
VE (0.9821)]}]
POSITIVE
Sentence: "Not much I can think of" [- Tokens: 6 - Sentence-Labels: {'label':
[NEGATIVE (0.9626)]}]
NEGATIVE
Sentence: "Not really" [- Tokens: 2 - Sentence-Labels: {'label': [NEGATIVE
(0.9997)]}]
NEGATIVE
Sentence: "Our professor did the best in terms of teaching online classes . He h
andled it very well and there is n't much I would change or suggest ." [- Toke
ns: 28 - Sentence-Labels: {'label': [POSITIVE (0.9954)]}]
POSITIVE
Sentence: "I think overall he did a great job with the online format . Providing
resources and answering questions about hw and lectures helped a lot ." [- Tok
ens: 26 - Sentence-Labels: {'label': [POSITIVE (0.9942)]}]
POSITIVE
Sentence: "N / a I believe that all my professors this quarter did an outstandin
g job in adj0ting to these current circumstances ." [- Tokens: 22 - Sentence-
Labels: {'label': [POSITIVE (0.9883)]}]
POSITIVE
Sentence: "He replies my email related to homework quickly , and explains clearl
y ." [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9956)]}]

POSITIVE

Sentence: "My professor has been doing great adj0ting to the online format ."

[- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9921)]}]

POSITIVE

Sentence: "I think they have been doing a pretty good job ."

[- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9967)]}]

POSITIVE

Sentence: "Right now is good enough ."

[- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.9934)]}]

POSITIVE

Sentence: "nan"

[- Tokens: 1 - Sentence-Labels: {'label': [NEGATIVE (0.6754)]}]

NEGATIVE

Sentence: "Zhanzhan has been the most helpful professor . It was hard learning from online material , but she provided zoom sessions and helpful disc0sion sections which set me up for success"

[- Tokens: 31 - Sentence-Labels: {'label': [POSITIVE (0.9957)]}]

POSITIVE

Sentence: "The professor 's are very understanding of the unique circumstances that each student is in . There are many opportunities where exceptions are made for 1 internet or different time zones that do n't restrict the integrity of the class ."

[- Tokens: 41 - Sentence-Labels: {'label': [POSITIVE (0.9931)]}]

POSITIVE

Sentence: "EE271 was by far my favorite class this quarter , especially because of how well the professor managed to make the transition to online as seamless as possible ."

[- Tokens: 29 - Sentence-Labels: {'label': [POSITIVE (0.9985)]}]

POSITIVE

Sentence: "None ."

[- Tokens: 2 - Sentence-Labels: {'label': [NEGATIVE (0.5293)]}]

NEGATIVE

Sentence: "He is trying to find best way to present during lecture"

[- Tokens: 11 - Sentence-Labels: {'label': [NEGATIVE (0.5406)]}]

NEGATIVE

Sentence: "he is well acknowledge"

[- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9951)]}]

POSITIVE

Sentence: "None"

[- Tokens: 1 - Sentence-Labels: {'label': [POSITIVE (0.6373)]}]

POSITIVE

Sentence: "Not sure"

[- Tokens: 2 - Sentence-Labels: {'label': [NEGATIVE (0.9972)]}]

NEGATIVE

Sentence: "I thought professor Jones has structured the class incredibly well ."

[- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9956)]}]

POSITIVE

Sentence: "There really is n't too much he can do better . Lectures are very clear and informative ."

[- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.9956)]}]

POSITIVE

Sentence: "He 's doing good"

[- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.99)]}]

POSITIVE

Sentence: "The professor was fine ."

[- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9376)]}]

POSITIVE

Sentence: "I honeslty do n't learn anything in class"

[- Tokens: 8 - Sentence-Labels: {'label': [NEGATIVE (0.9946)]}]

NEGATIVE

Sentence: "The number one action to best support me in my classes is to provide lectures prerecorded along with the notes or the slides from the lecture . I find live zoom courses to be very difficult . The chat is very distracting and internet troubles can cause material to be missed which is very stressful . Providing this prerecorded is much more helpful and relaxing to view the lectures and stop as needed or sometimes even to speed up . If I have questions , I can go to

office hours ." [- Tokens: 92 - Sentence-Labels: {'label': [NEGATIVE (0.5516)]}]

NEGATIVE

Sentence: "Recorded lectures Quizzes that match the material" [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.9837)]}]

POSITIVE

Sentence: "Honestly j0t make everything as flexible with time as possible - offering lecture recordings so you do n't have to watch live and posting lecture slides is really helpful . Also midterms + final is better to me then the quizzes ." [- Tokens: 42 - Sentence-Labels: {'label': [POSITIVE (0.988)]}]

POSITIVE

Sentence: "Taking notes when not in a physical lecture is much more difficult ; it may help if professors or TAs write guides for each topic . i.e. when teaching Fourier transforms , they could write a page or two describing the process to solve a problem 0ing them . Posting lecture slides somewhat works , but it makes a lot more sense to have a step by step guide on applying the concept ." [- Tokens: 74 - Sentence-Labels: {'label': [NEGATIVE (0.9048)]}]

NEGATIVE

Sentence: "The professor could post their lectures and slides online so we can learn by our self ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.7393)]}]

POSITIVE

Sentence: "Provide written materials that contain the subject matter of the course . These may include lecture slides , scans of handouts , or reading assignments from a textbook ." [- Tokens: 29 - Sentence-Labels: {'label': [POSITIVE (0.8232)]}]

POSITIVE

Sentence: "Have clear and easy to follow lectures and notes that are legible or typed and available for students" [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.9974)]}]

POSITIVE

Sentence: "Recorded review session , having the homework due after the lab sessions when we go over it (ie Thursday Lab sessions)" [- Tokens: 23 - Sentence-Labels: {'label': [NEGATIVE (0.5037)]}]

NEGATIVE

Sentence: "Maybe a more timely update on tests and homework solutions ." [- Tokens: 11 - Sentence-Labels: {'label': [NEGATIVE (0.9119)]}]

NEGATIVE

Sentence: "This goes out to STEM professors specifically . Please explain the assumptions you are making . For example , assuming students know a certain kind of mathematical notation or that they remember a certain mathematical concept . At least mentioning this assumption and providing some resources for students to fill in their background if they are not familiar with this concept will really help students understand lectures better . It 's harder to participate and get student input in online classes so I think that this is especially important for better understanding , especially when the professor ca n't see your face ." [- Tokens: 104 - Sentence-Labels: {'label': [NEGATIVE (0.6835)]}]

NEGATIVE

Sentence: "Be clear about expectations and where items are located in the online environment (due dates , where in Canvas files are located , changes that occur for any reason , etc) , somewhat lenient as students transition to online learning (in terms of due date / time flexibility) , stop 0ing breakout sessions / rooms (as they are not effective and 0ually end up with students sitting in silence until returning to the full class session) , and do not 0e the flipped lecture format beca0e " in-class " sessions essentially become office hours and all of the material is actually covered in required videos on top of these in-class lecture times (the videos were vastly superior to in-class sessions beca0e actual format was covered)" [- Tokens: 133 - Sentence-Labels: {'label': [NEGATIVE (0.9984)]}]

NEGATIVE

Sentence: "Varying the format for the delivery of lectures and quiz sections . By that , I mean having the real time zoom lecture , recording of the zoom lecture uploaded , notes / slides posted before class and annotated slides posted after class , include handwritten and a typed write up too if possible ." [- Tokens: 55 - Sentence-Labels: {'label': [POSITIVE (0.8295)]}]

POSITIVE

Sentence: "Provide more practice resources to learn and study from . Add more useful information in video lectures that may consist of additional format besides j0t covering example problems ." [- Tokens: 29 - Sentence-Labels: {'label': [NEGATIVE (0.969)]}]

NEGATIVE

Sentence: "Provide ample practice and have a well outlined syllabus ." [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9892)]}]

POSITIVE

Sentence: "Uploading the Notes / Lecture Materials online . Give more details on calculations on example problems ." [- Tokens: 17 - Sentence-Labels: {'label': [NEGATIVE (0.7241)]}]

NEGATIVE

Sentence: "Professors can best support their students by having a detailed canvas page with many resources . However , resources are only helpful when they are easy and clear to find . Honestly , although it sounds stupid , a lot of professors have bad and unclear class organization so its hard to find what you need to do / things that can help you study . Also , talking about what is going to happen next in the class is nice ." [- Tokens: 82 - Sentence-Labels: {'label': [NEGATIVE (0.778)]}]

NEGATIVE

Sentence: "Giving us the reviews before the exams . As well as the small review at the beginning of each class , which really help me to understand and remember the materials ." [- Tokens: 32 - Sentence-Labels: {'label': [POSITIVE (0.9931)]}]

POSITIVE

Sentence: "The professor was a relatively good one . He spoke loudly and clearly , responded intelligently to questions , and gave enough material outside the class for practice ." [- Tokens: 29 - Sentence-Labels: {'label': [POSITIVE (0.9952)]}]

POSITIVE

Sentence: "- upload lecture notes and practice tests - speak clearly and slowly in lecture , pause to ask students if there 's questions , and provide office hours" [- Tokens: 28 - Sentence-Labels: {'label': [POSITIVE (0.9979)]}]

POSITIVE

Sentence: "I think communication of deadlines and offering extra help during lectures is very important since we cant ask questions in person ." [- Tokens: 22 - Sentence-Labels: {'label': [POSITIVE (0.9766)]}]

POSITIVE

Sentence: "Creating lectures that are pre-recorded to allow more flexibility , but also providing live sessions to answers questions ." [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9926)]}]

POSITIVE

Sentence: "Distribute all information about logistics in written form . It is not necessary to watch all the recordings to learn sufficiently in the class , but it is very difficult to find important logistical information when it is presented during the videos . Also trying to keep lectures as concise as possible is really important when it is so hard to engage effectively ." [- Tokens: 64 - Sentence-Labels: {'label': [POSITIVE (0.6871)]}]

POSITIVE

Sentence: "Being flexible and understanding that some students do n't learn as well in an online setting . Recording lectures is the most important thing in my opinion because students can rewind , slow down or speed up lectures to match their own preferred pace ." [- Tokens: 45 - Sentence-Labels: {'label': [POSITIVE (0.9986)]}]

POSITIVE

Sentence: "Be really clear and organized with whatever platform is used to host the class info (ie Canvas) . Sometimes I have difficulty finding the information that I know exists because it 's hidden in a weird folder . My favorite class had recorded lectures from several years ago , so those are what are being posted as daily lectures ; that gives the teacher more time to have more and longer office hours for questions . The combo seems really effective and I 'd love to see something like be more common if this status continues for multiple quarters ." [- Tokens: 102 - Sentence-Labels: {'label': [POSITIVE (0.6014)]}]

POSITIVE

Sentence: "When recording lectures , it 's helpful when professors address commonly misunderstood concepts by students . It 's helpful to give examples of why some reasoning is wrong in addition to the right thought process ." [- Tokens: 36 - Sentence-Labels: {'label': [POSITIVE (0.967)]}]
 POSITIVE

Sentence: "Clear , available notes and lectures" [- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.9979)]}]
 POSITIVE

Sentence: "Being empathetic towards the needs of a diverse student base and providing copious resources for student enrichment in the form of helpful websites , documents , and alternative texts that may be helpful . Not all students learn the same way for one reason or another , so having professors that realize that it is critical ." [- Tokens: 56 - Sentence-Labels: {'label': [POSITIVE (0.9938)]}]
 POSITIVE

Sentence: "Providing ya with resources such as copies of notes or recordings of lectures to look back on if we need to . Also posting older exams to help us prep for upcoming exams" [- Tokens: 33 - Sentence-Labels: {'label': [POSITIVE (0.7689)]}]
 POSITIVE

Sentence: "Students needs as much access to necessary academic materials as possible . Professors should share all lecture slides , in class notes , and record lectures ." [- Tokens: 27 - Sentence-Labels: {'label': [POSITIVE (0.9761)]}]
 POSITIVE

Sentence: "Provide video lectures and lecture slides ." [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.9776)]}]
 POSITIVE

Sentence: "Providing good resources to understand the lectures for example lecture slides , lecture recordings , etc . They should also make sure that students can understand them ." [- Tokens: 28 - Sentence-Labels: {'label': [POSITIVE (0.9855)]}]
 POSITIVE

Sentence: "Record the lectures" [- Tokens: 3 - Sentence-Labels: {'label': [POSITIVE (0.9937)]}]
 POSITIVE

Sentence: "Providing lecture notes and online recordings Going through all the steps of problems" [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9261)]}]
 POSITIVE

Sentence: "Upload lecture resources (lecture recordings , notes) online . And provide practice material ." [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9653)]}]
 POSITIVE

Sentence: "Record lectures and make them available online with the in class powerpoint / notes" [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9693)]}]
 POSITIVE

Sentence: "Provide extra online materials to compensate for lack of in person , like extra lecture videos or links to other resources like khan academy or something" [- Tokens: 26 - Sentence-Labels: {'label': [POSITIVE (0.8014)]}]
 POSITIVE

Sentence: "Promptly uploading any recorded materials such as lectures or handwritten examples" [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.521)]}]
 POSITIVE

Sentence: "Post lecture notes and video recordings after the class ." [- Tokens: 10 - Sentence-Labels: {'label': [NEGATIVE (0.7166)]}]
 NEGATIVE

Sentence: "Personally , a wholly online format is best supported by a well organized set of resources for independent study for me ." [- Tokens: 22 - Sentence-Labels: {'label': [POSITIVE (0.9881)]}]
 POSITIVE

Sentence: "Because everything is online , it can be difficult to know what resources are available and what is necessary for class each day , so making a list or posting what would be needed for class that day would be great . Also I was very

unfamiliar with the terminology Oed in this course and since I ca n't ask questi
ons while watching a panopto lecture it would be great to have a terms sheet ava
ilable ." [- Tokens: 77 - Sentence-Labels: {'label': [POSITIVE (0.9781)]}]
POSITIVE
Sentence: "Post lecture notes / recordings ." [- Tokens: 6 - Sentence-Labels:
{'label': [NEGATIVE (0.6175)]}]
NEGATIVE
Sentence: "Provide detailed lecture notes and recordings on canvas for 0 to self
review ." [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9739)]}]
POSITIVE
Sentence: "It would be helpful if they either pre-recorded lectures or always re
corded them on zoom . For each lecture it would be helpful to have sections of t
he textbook that correspond to each lecture listed somewhere ." [- Tokens: 37
- Sentence-Labels: {'label': [NEGATIVE (0.9996)]}]
NEGATIVE
Sentence: "Having a schedule that makes sense and create a routine . Having ever
ything laid out on canvas is helpful beca0e the dashboard feels you everything t
hat needs to be done along with the to do list . Having a weekly routine of when
things are due is super helpful . Professors should upload all their teaching ma
terial and record all meeting so we can access them whenever is convenient for 0
. Also , lectures should either be prerecorded or be during lecture time . I do
n't think professors should be allowed to do both . Having both prerecorded lec
tures along with live lectures is too much to do aside from live lectures ."
[- Tokens: 115 - Sentence-Labels: {'label': [POSITIVE (0.9856)]}]
POSITIVE
Sentence: "One action professors can take is to record lectures so that students
can watch them at their convenience if they can not for whatever reason attend t
he lecture at the specific time . Also providing the notes for the lecture befor
ehand as it can be helpful with blurry cameras and such . Also having the exams
zoom proctored is a good idea to make sure the testing that needs to happen is
as fair as possible . Lots of different office hour is nice for flexibility . A
lso keeping lectures to the amount of time it would normally be in person such a
s not having over a 50 minute lecture recording for a scheduled 50 minute class
." [- Tokens: 118 - Sentence-Labels: {'label': [POSITIVE (0.9941)]}]
POSITIVE
Sentence: "To gather & present as many resources available related to the class
whether that be textbook , extra lecture videos for explanation , suggested que
stions to solve from the textbook ." [- Tokens: 31 - Sentence-Labels: {'labe
l': [POSITIVE (0.9949)]}]
POSITIVE
Sentence: "Post recorded videos of lectures and lecture notes" [- Tokens: 8 -
Sentence-Labels: {'label': [NEGATIVE (0.9353)]}]
NEGATIVE
Sentence: "The best way to support students online is to give as many types of l
earning outlets as possible . This includes lecture notes and specific steps to
solve specific problems ." [- Tokens: 31 - Sentence-Labels: {'label': [POSIT
IVE (0.5379)]}]
POSITIVE
Sentence: "Record every lecture and upload as many materials that may help stude
nts as possible ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.99
53)]}]
POSITIVE
Sentence: "Provide recorded lectures and organized class notes is very helpful"
[- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9525)]}]
POSITIVE
Sentence: "Post things like lecture slides or notes online in case we miss thing
s in class , or have a panopto set up for quick review when notes do n't suffice
." [- Tokens: 31 - Sentence-Labels: {'label': [POSITIVE (0.9627)]}]
POSITIVE
Sentence: "Provide reading and extra problems that represent what we need to kno
w for a class so that we do n't have to depend just on lecture and homework prob
lems for learning and practice ." [- Tokens: 34 - Sentence-Labels: {'label':
[POSITIVE (0.9944)]}]
POSITIVE
Sentence: "Provide a clear list of resources to supplement class learning includ

ing but not limited to : professor office hours , TA office hours , a place for students to chat w / each other online (i.e. Slack) , trusted online resources (tutorials , YouTube videos , q & a sites) , tutors , etc ." [- Tokens: 59 - Sentence-Labels: {'label': [POSITIVE (0.9882)]}]

POSITIVE

Sentence: "I would say making all material available especially when it comes to class slides and tests . Not providing some sort of practice test makes going in to the first test extremely difficult" [- Tokens: 32 - Sentence-Labels: {'label': [NEGATIVE (0.9968)]}]

NEGATIVE

Sentence: "Provide good and organized resources for reference and practice . Such as , lecture notes , practice exams , etc ." [- Tokens: 21 - Sentence-Labels: {'label': [POSITIVE (0.9897)]}]

POSITIVE

Sentence: "Having video recordings or posting in-depth lecture slides online so that I can go back and review material" [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.8671)]}]

POSITIVE

Sentence: "Provide supplementary materials , such as sections to read , practice exams , etc ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9196)]}]

POSITIVE

Sentence: "Offer more practice problem sets going into the midterm . Panapto would also be nice ." [- Tokens: 16 - Sentence-Labels: {'label': [NEGATIVE (0.9563)]}]

NEGATIVE

Sentence: "Produce , upkeep , and share preparatory materials for all midterms and finals they plan to administer . For example , practice tests , study guides , equation sheets , or any other documentation that makes the expectations of the test as clear as possible , as early as possible ." [- Tokens: 51 - Sentence-Labels: {'label': [POSITIVE (0.9964)]}]

POSITIVE

Sentence: "Take good , thorough notes in class that are posted online afterwards . Additionally , having panopto available to view when notes are unclear ." [- Tokens: 25 - Sentence-Labels: {'label': [POSITIVE (0.9899)]}]

POSITIVE

Sentence: "record lectures and upload them on canvas , as well as creating practice tests" [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9957)]}]

POSITIVE

Sentence: "Give a well-structured canvas page with abundant extra study materials and resources , offer office hours ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9955)]}]

POSITIVE

Sentence: "Provide as many avenues (ways to access and learn) their content as possible , such as posting lectures , posting panaptos , giving recommended reading , problems (SUGGESTED problems are super useful) ." [- Tokens: 37 - Sentence-Labels: {'label': [POSITIVE (0.9555)]}]

POSITIVE

Sentence: "Posting lecture slides on canvas , as well as posting a lot of practice exams / problems before midterms and finals ." [- Tokens: 22 - Sentence-Labels: {'label': [NEGATIVE (0.7611)]}]

NEGATIVE

Sentence: "Panopto the lectures and also post more practice tests" [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.9762)]}]

POSITIVE

Sentence: "I would greatly appreciate if the professors would provide more review materials for the midterm and final exams . This includes comprehensive study guides that include exactly what topics are going to be covered (without giving any specific details about the actual problems) , a sheet with the fundamental equations that will be necessary to apply for the exam questions and sample problems that are of the same level of difficulty and style as the ones on the exams ." [- Tokens: 82 - Sentence-Labels: {'label': [POSITIVE (0.9014)]}]

POSITIVE

Sentence: "More on line files , lecture notes , and more practice midterm problems" [- Tokens: 13 - Sentence-Labels: {'label': [NEGATIVE (0.8238)]}]

NEGATIVE

Sentence: "Publish lecture format in advance and hold help sessions ." [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9706)]}]

POSITIVE

Sentence: "Provide extra resources like past example problems and extra office hours to accommodate for being online" [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9662)]}]

POSITIVE

Sentence: "Giving more resources to practice extra problems and having more office hours for help" [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.7797)]}]

POSITIVE

Sentence: "I think having more practice problems available would be very beneficial . I also think the professor having more office hours would be helpful (especially for my specific course) ." [- Tokens: 32 - Sentence-Labels: {'label': [NEGATIVE (0.9814)]}]

NEGATIVE

Sentence: "I think that the best thing professors can do is to make clear what we are expected to know , and make sure we have access to all of the resources needed to learn these things (lectures , PDFs , office hours) ." [- Tokens: 45 - Sentence-Labels: {'label': [POSITIVE (0.998)]}]

POSITIVE

Sentence: "More available office hours and active announcements ." [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.9305)]}]

POSITIVE

Sentence: "Clear Instructions and break down for what is due each week . Availability during office hours ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9306)]}]

POSITIVE

Sentence: "allow for homework help during office hours and have notes that are available online" [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.7458)]}]

POSITIVE

Sentence: "Provide material covered in class online somewhere since it can be difficult to get everything done as notes . Maybe giving names of good external references . Hold office hours (which most already do) ." [- Tokens: 37 - Sentence-Labels: {'label': [POSITIVE (0.7138)]}]

POSITIVE

Sentence: "Offer (optional) practice problems , old quizzes / exams . Offer of office hours for those who need them ." [- Tokens: 21 - Sentence-Labels: {'label': [POSITIVE (0.9374)]}]

POSITIVE

Sentence: "Provide copious amounts of office hours , online resources" [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.9947)]}]

POSITIVE

Sentence: "My professors can offer extensive resources which include office hours , online notes , updated class calendar , etc ." [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.966)]}]

POSITIVE

Sentence: "They can provide office hours and practice problems that can help learn the course material" [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9741)]}]

POSITIVE

Sentence: "Provide more practice exams and maybe a review session for an hour or two outside of the usual lecture time ." [- Tokens: 21 - Sentence-Labels: {'label': [NEGATIVE (0.5717)]}]

NEGATIVE

Sentence: "Make sure they have video recording , and post a Q & A poll after class" [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9735)]}]

POSITIVE

Sentence: "Posting lecture notes and / or lecture slides on canvas is really useful and helpful for studying . I also have a professor who takes a poll of questions and posts answers to those questions weekly ." [- Tokens: 37 - Sentence-Labels: {'label': [POSITIVE (0.9935)]}]

POSITIVE

Sentence: "Ensure the lecture videos are well-recorded . They should not skip around or have sound cutting in and out ." [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.9984)]}]
 POSITIVE

Sentence: "Recordings of lectures was very helpful . Also , 0ing board as Professor Chen support me as in-person courses ." [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.9958)]}]
 POSITIVE

Sentence: "Have pre-recorded lecture ." [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.6379)]}]
 POSITIVE

Sentence: "Provide supplementary material for learning concepts and strategies" [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.9934)]}]
 POSITIVE

Sentence: "clear annotations / step by step procedure for the slides and example problems is very helpful , since I use those to review concepts for the exams" [- Tokens: 27 - Sentence-Labels: {'label': [POSITIVE (0.9958)]}]
 POSITIVE

Sentence: "Prerecorded lectures are very useful as they provide me flexibility in this time when my sleep schedule is abnormal" [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9979)]}]
 POSITIVE

Sentence: "Continuing to offer pre-recorded videos of their lecture ." [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.8765)]}]
 POSITIVE

Sentence: "The main thing is just posting assignments early so people have time to see them and complete them which can be hard sometimes when we never actually go to class ." [- Tokens: 31 - Sentence-Labels: {'label': [POSITIVE (0.9579)]}]
 POSITIVE

Sentence: "Videos of them working through hard practice problems . That would be so helpful ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9598)]}]
 POSITIVE

Sentence: "Provide recording of their lectures" [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.954)]}]
 POSITIVE

Sentence: "Assistance with labs and homework beyond office hours , like a FAQ page or links to supplemental help since lecture does not address many lab / homework problems" [- Tokens: 28 - Sentence-Labels: {'label': [POSITIVE (0.7998)]}]
 POSITIVE

Sentence: "Post all updated information on class requirements , test / assignment policies , allowed materials in one place . These usually begin in the syllabus at the beginning of the quarter , but as the quarter goes on , information often disperses around several places (email , canvas notifications , and potentially outdated syllabus) . This can make it difficult to feel on top of everything when you are taking many classes that have this issue to some extent or another , especially during online classes ." [- Tokens: 89 - Sentence-Labels: {'label': [NEGATIVE (0.9987)]}]
 NEGATIVE

Sentence: "It is helpful if they provide the powerpoint or class notes before lecture so that we can review the material before class and understand it better ." [- Tokens: 27 - Sentence-Labels: {'label': [POSITIVE (0.5508)]}]
 POSITIVE

Sentence: "More detailed notes , for many people going to the lectures are not possible . Having detailed notes gives reassurance that would be very helpful ." [- Tokens: 26 - Sentence-Labels: {'label': [POSITIVE (0.8191)]}]
 POSITIVE

Sentence: "Offer detailed notes / slides" [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9549)]}]
 POSITIVE

Sentence: "Posting lecture notes and recordings on time ." [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.8298)]}]
 POSITIVE

Sentence: "Pre-Recorded lectures with no set class time . Allows for a flexible schedule and less stress (which helps a lot beca0e my internet is terrible and I have to carefully plan when to watch my classes) . The flexible schedule also allowed me to go back to work well before school got out" [- Tokens: 55 - Sentence-Labels: {'label': [POSITIVE (0.998)]}]
 POSITIVE

Sentence: "Have pre-recorded lectures" [- Tokens: 3 - Sentence-Labels: {'label': [POSITIVE (0.9188)]}]
 POSITIVE

Sentence: "Recorded lectures to account for disrupted schedules and students in different timezones ." [- Tokens: 13 - Sentence-Labels: {'label': [NEGATIVE (0.9813)]}]
 NEGATIVE

Sentence: "Having lectures be asynchrono0 helps a lot beca0e I have even more trouble staying foc0ed in online lectures , so having the ability to go back over lectures is extremely helpful ." [- Tokens: 32 - Sentence-Labels: {'label': [POSITIVE (0.9872)]}]
 POSITIVE

Sentence: "By recording lectures and providing them on canvas ." [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.9799)]}]
 POSITIVE

Sentence: "More supplement resources may need to help 0 understand the theories better and calculation better ." [- Tokens: 16 - Sentence-Labels: {'label': [NEGATIVE (0.9976)]}]
 NEGATIVE

Sentence: "Upload recordings of lectures and lecture slides ." [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.6946)]}]
 POSITIVE

Sentence: "Pre record lectures , and then upload those to minimize connection issues ca0ing students to miss information ." [- Tokens: 18 - Sentence-Labels: {'label': [NEGATIVE (0.6574)]}]
 NEGATIVE

Sentence: "extra practice material is always the best . Extra optional homework problems . extra practice problems . Extra practice exams ." [- Tokens: 21 - Sentence-Labels: {'label': [POSITIVE (0.9888)]}]
 POSITIVE

Sentence: "Record Lecture" [- Tokens: 2 - Sentence-Labels: {'label': [POSITIVE (0.9886)]}]
 POSITIVE

Sentence: "It would be very helpful if professors created study guides in preparation for the exams that outline the concepts covered on the exam for easier studying" [- Tokens: 26 - Sentence-Labels: {'label': [NEGATIVE (0.9998)]}]
 NEGATIVE

Sentence: "Posting lecture notes . I like having lectures that do n't have to be connected to at a certain time for online classes" [- Tokens: 23 - Sentence-Labels: {'label': [POSITIVE (0.8964)]}]
 POSITIVE

Sentence: "Due to online quarters , I felt it became more difficult to keep up with the learning , especially if there was conf0ion . So I think it would be helpful for professors to post a short weekly review video that covers all the important things we learned over that week , which should help clear up some conf0ion and give students a basis on what they should know at that point ." [- Tokens: 73 - Sentence-Labels: {'label': [NEGATIVE (0.9798)]}]
 NEGATIVE

Sentence: "Recording and posting lectures on canvas is a huge help ." [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9971)]}]
 POSITIVE

Sentence: "Video recording for each lecture . The slide alone is not sufficient enough for review , and the recording helped me to get more context on what we had learned ." [- Tokens: 31 - Sentence-Labels: {'label': [POSITIVE (0.7224)]}]
 POSITIVE

Sentence: "Post lecture slides before class , so we can annotate them ." [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9197)]}]
 POSITIVE

Sentence: "The one best action to support online learning is to provide the recorded lectures . This is really helpful if having technical issues ." [- Tokens: 24 - Sentence-Labels: {'label': [NEGATIVE (0.5164)]}]
NEGATIVE

Sentence: "Make their lectures recorded and give students access to those recordings . I understand the need to ensure students actually are attending class , and I have even had teachers refuse to record lectures even in this time of COVID19 . However , the variability in internet connection and pace of material in an online course causes many problems . Students especially those used to notetaking on their electronic devices may fall behind taking notes . Ensuring students get access to the material that they are paying for and the faculty work so hard to deliver is essential to forwarding education especially in times of hardship like this ." [- Tokens: 109 - Sentence-Labels: {'label': [NEGATIVE (0.7792)]}]
NEGATIVE

Sentence: "provide the lecture slide before lecture start , so we can look back during the lecture" [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.702)]}]
POSITIVE

Sentence: "Be highly organized . When we have a schedule that 's well-mapped out and easy to reference , it makes planning school and life much easier . Everyone is talking about these " uncertain times "-- if you have other responsibilities to take care of , a good course schedule and expectations will , I think , help students plan their lives in tandem with school and succeed ." [- Tokens: 69 - Sentence-Labels: {'label': [POSITIVE (0.9986)]}]
POSITIVE

Sentence: "Provide more examples and practice problems (that are n't required) because it is harder to follow along with lectures and ask questions ." [- Tokens: 25 - Sentence-Labels: {'label': [NEGATIVE (0.996)]}]
NEGATIVE

Sentence: "Recording lectures is a great help . Providing access to an online textbook could also be a big help . It 's hard to get books shipped out in a timely manner ." [- Tokens: 33 - Sentence-Labels: {'label': [POSITIVE (0.9938)]}]
POSITIVE

Sentence: "Organization is very helpful ." [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9883)]}]
POSITIVE

Sentence: "Provide recorded lectures . Professors are still getting used to using software like zoom . Sometimes they go a little too fast , and often times they go too slow or have long pauses . Watching lectures after class allows me to increase the speed , skip around , and pause as needed ." [- Tokens: 54 - Sentence-Labels: {'label': [POSITIVE (0.9904)]}]
POSITIVE

Sentence: "Organize zoom lecture recordings and other format . This makes it easier to catch up or re watch a video that did n't really stick or find information of a specific section more easily ." [- Tokens: 35 - Sentence-Labels: {'label': [POSITIVE (0.9933)]}]
POSITIVE

Sentence: "Recorded lectures have been immensely helpful . I 've been dealing with a lot of health issues this quarter , so having the lectures recorded has given me some flexibility that has been life-saving ." [- Tokens: 35 - Sentence-Labels: {'label': [POSITIVE (0.9993)]}]
POSITIVE

Sentence: "When assignments are online , it can be very easy to lose track of things . Professors need to make sure their assignments are very well organized . Canvas should have everything , and the professors who do this best will input every single assignment for the entire quarter in advance so there are no surprises for the students ." [- Tokens: 60 - Sentence-Labels: {'label': [POSITIVE (0.9895)]}]
POSITIVE

Sentence: "The posted slides / lecture notes should be more complete , it takes a long time to review by watching the recordings where often times things that are needed for homework are not included in the written material" [- Tokens: 38 - Sentence-Labels: {'label': [NEGATIVE (0.9999)]}]
NEGATIVE

Sentence: "give some chapter summaries of coursework after finishing each chapter"

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r ."    [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.5557)]}]
POSITIVE
Sentence: "post recording after lecture"    [- Tokens: 4 - Sentence-Labels: {'label': [NEGATIVE (0.7877)]}]
NEGATIVE
Sentence: "Making lectures online so I can watch it back . Merging lab sections
into one so we can get the most interactive feedback with the TA 's ."    [- Tokens: 28 - Sentence-Labels: {'label': [POSITIVE (0.9631)]}]
POSITIVE
Sentence: "Provide lecture recordings"    [- Tokens: 3 - Sentence-Labels: {'label': [POSITIVE (0.971)]}]
POSITIVE
Sentence: "I very much appreciate the latex notes that allow 0 to learn the material from lecture in a written reference format if we miss the zoom class and are unable to watch the recording ."    [- Tokens: 35 - Sentence-Labels: {'label': [POSITIVE (0.9844)]}]
POSITIVE
Sentence: "Make sure that all files / resources are uploaded to canvas"    [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9542)]}]
POSITIVE
Sentence: "Have a very clear schedule of when assignments are due and what is expected on a weekly basis ."    [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9984)]}]
POSITIVE
Sentence: "Having well organized information on the class website . It 's harder to pay attention on zoom , so having references on the site and things like saying what a zoom lecture link is about makes it easier to try to catch up . This class did a 10 / 10 job with this"    [- Tokens: 54 - Sentence-Labels: {'label': [POSITIVE (0.9998)]}]
POSITIVE
Sentence: "I think that the best thing that professors can do is to condense all of the notifications and assignments into one place . I constantly feel like I am having to jump through multiple websites just to find my assignments ."    [- Tokens: 41 - Sentence-Labels: {'label': [NEGATIVE (0.9914)]}]
NEGATIVE
Sentence: "Keep the course 's website up to date ( e.g. upload lecture slides and materials promptly ) ."    [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.9121)]}]
POSITIVE
Sentence: "Provide very detailed lecture notes ."    [- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.9875)]}]
POSITIVE
Sentence: "I would appreciate a reading guide . My professors typically suggest a textbook for the course , but they do not provide a guide for what sections will be covered during specific times of the quarter . A reading guide would be helpful because it would ease my ability to read ahead . Sometimes it is easier to understand covered material by reading ahead ."    [- Tokens: 65 - Sentence-Labels: {'label': [NEGATIVE (0.9887)]}]
NEGATIVE
Sentence: "Some videos on real world examples would be good . For the most part it was pretty good the way it was presented ."    [- Tokens: 24 - Sentence-Labels: {'label': [POSITIVE (0.637)]}]
POSITIVE
Sentence: "Having a calendar / syllabus laying out all the deadlines throughout the quarter ."    [- Tokens: 14 - Sentence-Labels: {'label': [NEGATIVE (0.9679)]}]
NEGATIVE
Sentence: "Less HW typos"    [- Tokens: 3 - Sentence-Labels: {'label': [POSITIVE (0.7441)]}]
POSITIVE
Sentence: "Providing recorded lectures is always helpful"    [- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.9832)]}]
POSITIVE
Sentence: "Update their websites often ."    [- Tokens: 5 - Sentence-Labels: {'label': [NEGATIVE (0.8725)]}]

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NEGATIVE

Sentence: "Post notes on the website , since half of my time are spent in another country , it 's hard to be in every class . But I missed some of the knowledge taught in class ." [- Tokens: 37 - Sentence-Labels: {'label': [NEGATIVE (0.9996)]]}]

NEGATIVE

Sentence: "Keep an organized canvas page with all the documents sorted . Have the course information easily accessible is very helpful . Specifically , zoom recordings would be very helpful to have organized for viewing and review ." [- Tokens: 37 - Sentence-Labels: {'label': [POSITIVE (0.7559)]]}]

POSITIVE

Sentence: "I like if the professors can provide their lecture notes on canvas so dealing with the exam can be easier ." [- Tokens: 21 - Sentence-Labels: {'label': [NEGATIVE (0.8117)]]}]

NEGATIVE

Sentence: "Record the lectures and make them available to the class (the professor I have for EE361 does this already , but not all my professors this quarter have) ." [- Tokens: 31 - Sentence-Labels: {'label': [POSITIVE (0.993)]]}]

POSITIVE

Sentence: "Putting all due dates for assignments online at the start of the quarter . I understand if things need to be adj0ted , but it helps for planning when your professors indicate when things will be due . This includes assignments , exams , projects , etc ." [- Tokens: 48 - Sentence-Labels: {'label': [POSITIVE (0.9694)]]}]

POSITIVE

Sentence: "0e Canvas for announcements and assignments as much as possible ." [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9368)]]}]

POSITIVE

Sentence: "Recording the lectures is really helpful ." [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.9939)]]}]

POSITIVE

Sentence: "Making sure everything we need to access during class is easily accessible . Searching through canvas to find one specific document takes a long time and distracts from instruction ." [- Tokens: 30 - Sentence-Labels: {'label': [NEGATIVE (0.7462)]]}]

NEGATIVE

Sentence: "better course summery and outlines so students can work more at their own pace" [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.8906)]]}]

POSITIVE

Sentence: "Provide good recording for the lectures" [- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.9857)]]}]

POSITIVE

Sentence: "Offer everything online asynchr0n0ly" [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9956)]]}]

POSITIVE

Sentence: "Post all lecture slides for the course in advance ." [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9326)]]}]

POSITIVE

Sentence: "Offer resources as similar as possible to normal class" [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.9919)]]}]

POSITIVE

Sentence: "Provide recordings of the lectures so that people that are unable to watch them at the time of the lecture are still able to take the course" [- Tokens: 27 - Sentence-Labels: {'label': [POSITIVE (0.769)]]}]

POSITIVE

Sentence: "Be more clear about due dates and deadlines ." [- Tokens: 9 - Sentence-Labels: {'label': [NEGATIVE (0.995)]]}]

NEGATIVE

Sentence: "More practice quizzes" [- Tokens: 3 - Sentence-Labels: {'label': [NEGATIVE (0.9545)]]}]

NEGATIVE

Sentence: "Try and keep course material as organized and accessible as possible , and conduct online classes thru as few different websites as possible . Example : my math 324 class is sprawled across 4 different web platforms (canvas , gradescope , webassign , and the UW math site) which makes it difficult to know

where to find everything ." [- Tokens: 61 - Sentence-Labels: {'label': [NEGATIVE (0.987)]]}
NEGATIVE
Sentence: "Regularly upload class notes / lectures to Canvas , send out emails with reminders for due dates beca0e it can get a lot harder to keep track of all the work that needs to be done ." [- Tokens: 37 - Sentence-Labels: {'label': [NEGATIVE (0.9556)]]}
NEGATIVE
Sentence: "Have a more comprehensive list of what might be on the quizzes . I think the professor has a good balance between talking about examples and explaining the significance of each aspect in detail drawing during her lectures ." [- Tokens: 39 - Sentence-Labels: {'label': [POSITIVE (0.9998)]]}
POSITIVE
Sentence: "Recorded lectures are the most helpful thing to be able to go back and review ." [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9585)]]}
POSITIVE
Sentence: "a very clear schedule with all due dates and assignments ." [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9909)]]}
POSITIVE
Sentence: "Recording and posting lectures , very helpful when they save the written notes they add to their slides ." [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9984)]]}
POSITIVE
Sentence: "More example problems . More practice tests ." [- Tokens: 8 - Sentence-Labels: {'label': [NEGATIVE (0.9857)]]}
NEGATIVE
Sentence: "Make all the tasks as clear as possible" [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.9964)]]}
POSITIVE
Sentence: "Be organized . Having a set , organized schedule with lectures , labs , quiz sections , homework due dates , and exams makes online classes far easier to take ." [- Tokens: 31 - Sentence-Labels: {'label': [POSITIVE (0.999)]]}
POSITIVE
Sentence: "Give the answers to the homework questions before they are due . This gives students a chance to learn the correct method the complete their hw without turning in a solution that is incorrect and then relying on the answer key at a later date ." [- Tokens: 46 - Sentence-Labels: {'label': [POSITIVE (0.996)]]}
POSITIVE
Sentence: "understanding about time differences and pre-recording lectures" [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.9975)]]}
POSITIVE
Sentence: "Recording the lectures to be able to watch them anytime" [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9756)]]}
POSITIVE
Sentence: "Make easy to follow instructions for classwork and an easy to understand and outline for the class ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9987)]]}
POSITIVE
Sentence: "Make lectures easily / consistently accessible" [- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.9996)]]}
POSITIVE
Sentence: "Recording the lectures through zoom so we can view later (which all my professors do) ." [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.912)]]}
POSITIVE
Sentence: "Be organized with resources and make sure they are easy for students to find and access ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9929)]]}
POSITIVE
Sentence: "Tag lecture descriptions with a " tl ; dr " type index so it 's easier to find format specifically relevant to my question when reviewing or working on homework ." [- Tokens: 31 - Sentence-Labels: {'label': [POSITIVE (0.7327)]]}
POSITIVE

Sentence: "Please take extra care to make Canvas and assignments organized . I have one professor who makes assignments for minor to-dos , like watching videos before class . Since there is nothing to turn in , Canvas then marks those as "overdue " and those assignments clog up the student 's feed , making it hard to find things that actually need to be completed . Little things like inconsistent turn-in times , assignment information scattered across multiple webpages / pdfs , and vague syllabi are a lot more difficult to deal with when Canvas facilitates so much of our interaction with the course ." [- Tokens: 106 - Sentence-Labels: {'label': [NEGATIVE (1.0)]]}

NEGATIVE

Sentence: "Being organized on canvas is important . Online learning is very self-paced , so it 's important that students are able to access the resources they need with ease . Making assignment due dates very clear and test prep resources available is very helpful ." [- Tokens: 45 - Sentence-Labels: {'label': [POSITIVE (0.999)]]}

POSITIVE

Sentence: "Make sure they are clear at communicating due dates for assignments ." [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9932)]]}

POSITIVE

Sentence: "Create organized modules that includes lecture videos and lecture slides if doing prerecorded lectures . Preferably host office hours on the days where there are n't lectures (for mon,wed,fri lectures classes) since some people like to only watch lecture videos on the scheduled class times and having office hours there would be a conflict ." [- Tokens: 57 - Sentence-Labels: {'label': [POSITIVE (0.9983)]]}

POSITIVE

Sentence: "Give 0 assigned readings in the textbook" [- Tokens: 7 - Sentence-Labels: {'label': [NEGATIVE (0.9997)]]}

NEGATIVE

Sentence: "I really appreciate professors that are consistent with the course format and due dates . It makes it easier to keep track of things if I know that every week there are these assignments that are due on the same day . I also think making announcements and having a well organized canvas page has also been helpful ." [- Tokens: 59 - Sentence-Labels: {'label': [POSITIVE (0.9891)]]}

POSITIVE

Sentence: "Give students an announcement on what concepts and tasks that ought to be done every week" [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9787)]]}

POSITIVE

Sentence: "I would appreciate practice quizzes for every lecture to give more practice . Spend less time of long equation derivations that are not necessary to know ." [- Tokens: 27 - Sentence-Labels: {'label': [NEGATIVE (0.9994)]]}

NEGATIVE

Sentence: "One action that my professors can take is to provide more practice problems that are similar to those asked on the exams ." [- Tokens: 23 - Sentence-Labels: {'label': [POSITIVE (0.814)]]}

POSITIVE

Sentence: "I like asynchronous learning and appreciate when videos are posted before their intended lecture date so I can watch them whenever is most convenient . With a lot of classes it can be really hard to keep track of when I can watch which lectures , so if the more I have access to the better ." [- Tokens: 57 - Sentence-Labels: {'label': [POSITIVE (0.999)]]}

POSITIVE

Sentence: "One action my professors at UW can take to best support me is to offer flexible time schedules to their students . For example , if your class section is scheduled for 8:30 am-9:30 am , you should exercise the option of doing recorded lectures (like M E 230) so people can attend at their leisure . This is critical . As in many people have different schedules while home or in a different country and would benefit by this more flexible scheduling ." [- Tokens: 86 - Sentence-Labels: {'label': [POSITIVE (0.9909)]]}

POSITIVE

Sentence: "Professors can provide more than one practice exam to help study for exams ." [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9867)]]}

POSITIVE

Sentence: "Supplementary resources or highlighted practice problems to help with


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semi independent learning ." [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.961)]]]
POSITIVE
Sentence: "I am sometimes unable to attend office hours , and so it would be of much great help if such zoom sessions were recorded and uploaded ." [- Tokens: 27 - Sentence-Labels: {'label': [NEGATIVE (0.7518)]]]
NEGATIVE
Sentence: "Posting practice problems and old exams helps me get a better understanding of what to focus on when I 'm studying ." [- Tokens: 22 - Sentence-Labels: {'label': [POSITIVE (0.9912)]]]
POSITIVE
Sentence: "Keep 0 very well updated with deadlines , schedules , and everything that is going on" [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.8848)]]]
POSITIVE
Sentence: "record video and give explanations" [- Tokens: 5 - Sentence-Labels: {'label': [NEGATIVE (0.6587)]]]
NEGATIVE
Sentence: "Being clear with what is due and when ( providing an overview of what all assignments are ) ." [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9944)]]]
POSITIVE
Sentence: "Provide a clear schedule with deadlines and provide material in a routine manner . The classes that have translated best have a pattern to when assignments are available , when topics are discussed ( over zoom meetings ) and when assignments are due ." [- Tokens: 44 - Sentence-Labels: {'label': [NEGATIVE (0.9981)]]]
NEGATIVE
Sentence: "Be available and be organized so we can find where everything is located on the canvas" [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9979)]]]
POSITIVE
Sentence: "Organizing the class canvas page to be as concise and simple to navigate as possible . By this I mean have only necessary tabs for items needed in class and format each link web in a way where it is easy to navigate . Have all files go in a files tab and organize the files by topic at hand . For video lessons try to keep the videos as short as possible and get straight to the point ." [- Tokens: 80 - Sentence-Labels: {'label': [POSITIVE (0.9906)]]]
POSITIVE
Sentence: "Offer live lectures , I find it much easier to learn when classes are live and recorded for students who cannot make live lectures ." [- Tokens: 25 - Sentence-Labels: {'label': [POSITIVE (0.8821)]]]
POSITIVE
Sentence: "Give detailed lectures and supporting materials such as practice quizzes , practice midterms ." [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9886)]]]
POSITIVE
Sentence: "Provide more practice problems w / clear step by step solutions" [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9431)]]]
POSITIVE
Sentence: "give examples from different kinds of problems" [- Tokens: 7 - Sentence-Labels: {'label': [NEGATIVE (0.5964)]]]
NEGATIVE
Sentence: "I think that recording lecture would help a lot ." [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.85)]]]
POSITIVE
Sentence: "A recording of the lecture would be better for those students who are not in the same time zone ." [- Tokens: 20 - Sentence-Labels: {'label': [NEGATIVE (0.9999)]]]
NEGATIVE
Sentence: "I think it 'd be helpful if professors started using Panopto . Using Panopto would allow me to review old lectures , and allow me to focus more on the point the professor is trying to make , as opposed to having to worry about taking notes ." [- Tokens: 48 - Sentence-Labels: {'label': [NEGATIVE (0.5223)]]]

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NEGATIVE

Sentence: "Keep an updated Canvas page , with information about quizzes , class materials , and exams posted online ." [- Tokens: 19 - Sentence-Labels: {'label': [NEGATIVE (0.923)]}]

NEGATIVE

Sentence: "Provide good extracurricular resources" [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9904)]}]

POSITIVE

Sentence: "Provide more review material" [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.8589)]}]

POSITIVE

Sentence: "The professor could start posting his notes onto canvas . He already has premade notes going into lecture I do n't see why he could n't just post these ." [- Tokens: 30 - Sentence-Labels: {'label': [NEGATIVE (0.9999)]}]

NEGATIVE

Sentence: "Post additional supplemental material online , that helps review each lecture ." [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.855)]}]

POSITIVE

Sentence: "Post lecture notes" [- Tokens: 3 - Sentence-Labels: {'label': [POSITIVE (0.7673)]}]

POSITIVE

Sentence: "If he posts the lecture note after the class would help a lot since we can get more chance to follow him attentively ." [- Tokens: 24 - Sentence-Labels: {'label': [POSITIVE (0.5024)]}]

POSITIVE

Sentence: "It would have been helpful to have access to an exam archive , one practice exam was not enough exposure to the format of questions ." [- Tokens: 26 - Sentence-Labels: {'label': [NEGATIVE (0.9997)]}]

NEGATIVE

Sentence: "Post scans of lecture material" [- Tokens: 5 - Sentence-Labels: {'label': [NEGATIVE (0.9904)]}]

NEGATIVE

Sentence: "Provide clear lecture notes online . Students missed spoken points / did n't have time to digest the lecture content and what professors were saying when focusing on rushing to copy everything down or when wasting time figuring out the handwriting ." [- Tokens: 42 - Sentence-Labels: {'label': [NEGATIVE (0.9984)]}]

NEGATIVE

Sentence: "Posting their lectures / slides for review" [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.7614)]}]

POSITIVE

Sentence: "Upload lecture notes online ." [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.7927)]}]

POSITIVE

Sentence: "Giving exam review materials ." [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.7763)]}]

POSITIVE

Sentence: "Post good lecture slides / notes on canvas" [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.683)]}]

POSITIVE

Sentence: "Have a supplementary notes for homework . Like example of how it 's done similarly to the homework problems or give answers but not the work ." [- Tokens: 27 - Sentence-Labels: {'label': [NEGATIVE (0.9015)]}]

NEGATIVE

Sentence: "Scan his lecture notes and post them on canvas afterwards ." [- Tokens: 11 - Sentence-Labels: {'label': [NEGATIVE (0.5837)]}]

NEGATIVE

Sentence: "Posting lecture notes would be useful - sometimes I have trouble writing everything down fast enough . It would be helpful to have a reference to look back on ." [- Tokens: 30 - Sentence-Labels: {'label': [NEGATIVE (0.9966)]}]

NEGATIVE

Sentence: "Put out more applicable practice material earlier before tests" [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.746)]}]

POSITIVE

Sentence: "Posting an overview of what was discussed in class would be helpful .

I do n't usually miss class , and I know that the teachers want students to attend class , but having access to notes about the day 's lecture will be extremely useful , even if they are not very detailed ." [- Tokens: 55 - Sentence-Labels: {'label': [POSITIVE (0.9984)]}]

POSITIVE

Sentence: "Providing lecture materials online (for students who miss class due to illness or emergencies)" [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9564)]}]

POSITIVE

Sentence: "Post notes online ! My God , it 's infuriating when I accidentally write something down in a confusing way in my lecture notes and have no easy way to verify it when studying or doing homework . It 's easy to say " just look it up in the textbook " , but when lectures tend to greatly vary in pacing and organization from the textbook , how are we supposed to know what parts of the textbook we 're expected to understand and which parts are of less importance ? Even if I attend all lectures and take notes on every one of them , , it still greatly enhances my learning experience to have easy access to records of what you taught us ." [- Tokens: 127 - Sentence-Labels: {'label': [NEGATIVE (0.6443)]}]

NEGATIVE

Sentence: "An action professors can take to support me in my classes is to recommend supplemental material that is directly relevant to the course . This would be especially beneficial if certain content in a class has been historically difficult ." [- Tokens: 40 - Sentence-Labels: {'label': [NEGATIVE (0.9192)]}]

NEGATIVE

Sentence: "If our professor had slides from lecture online so students could go back and forth during class or prepare beforehand for lecture , that would be really helpful ." [- Tokens: 29 - Sentence-Labels: {'label': [NEGATIVE (0.9976)]}]

NEGATIVE

Sentence: "Upload class notes so it is easier to follow along in class" [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9212)]}]

POSITIVE

Sentence: "Have homework that helps with understanding the material and have clear expectations for tests ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9971)]}]

POSITIVE

Sentence: "Providing examples for any concepts that are taught in or out of class ." [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9503)]}]

POSITIVE

Sentence: "Prepare more general practice exams or worksheets that allow students to assess their understanding of topics throughout the quarter . We 're usually given 1 or 2 practice exams a couple weeks before a midterm , so it 's not always clear what we are expected to focus on or practice doing up to that first midterm . It 's also been the case that students can acquire more past practice exams than other students if they are in a sorority / fraternity or a special club , so that becomes unfair to some students ." [- Tokens: 96 - Sentence-Labels: {'label': [NEGATIVE (0.9553)]}]

NEGATIVE

Sentence: "Record lectures" [- Tokens: 2 - Sentence-Labels: {'label': [POSITIVE (0.9951)]}]

POSITIVE

Sentence: "My professor could provide video examples for each Solidworks lecture . That would help me go back and reference anything I did n't originally understand and or forgot ." [- Tokens: 28 - Sentence-Labels: {'label': [POSITIVE (0.9972)]}]

POSITIVE

Sentence: "Providing enough study materials is needed . A few professors I 've had over the years did n't provide any study material outside of the homework . This gives advantage to " smarter " people or people with test banks instead of people who study as much as they can ." [- Tokens: 51 - Sentence-Labels: {'label': [POSITIVE (0.9905)]}]

POSITIVE

Sentence: "Provide extra practice problems and examples for exams and quizzes ." [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9531)]}]

POSITIVE

Sentence: "Giving more example of each concept will definitely help me with understanding and during exams . Examples for us to solve and her explanation ."
 [- Tokens: 25 - Sentence-Labels: {'label': [POSITIVE (0.9979)]}]
 POSITIVE

Sentence: "They can provide lots and lots of review material ."
 [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9566)]}]
 POSITIVE

Sentence: "The professor can make sure the syllabus is related to the lab . For the first few weeks , I could n't understand the relation between the lecture and lab ."
 [- Tokens: 31 - Sentence-Labels: {'label': [NEGATIVE (0.9999)]}]
 NEGATIVE

Sentence: "Provide the examples related to the lecture and also the project . The professor should provide the 3D object to student to see if that 3D object is taught in the lecture ."
 [- Tokens: 33 - Sentence-Labels: {'label': [POSITIVE (0.9295)]}]
 POSITIVE

Sentence: "My professor could upload the powerpoint used in class in addition to the existing panaptos to help me understand what goes on in each class , and to help reviewing for tests ."
 [- Tokens: 33 - Sentence-Labels: {'label': [POSITIVE (0.9969)]}]
 POSITIVE

Sentence: "One action they can do is clearly define what they academically expect to be able to do . For example , this might be giving us practice exams or giving us a lot of example type of problems because sometimes professors will give us the " tools " to solve problems , but we do n't know what type of problems and we often get accustomed to problems being one way or another ."
 [- Tokens: 74 - Sentence-Labels: {'label': [POSITIVE (0.9782)]}]
 POSITIVE

Sentence: "Provide ample practice exam material , since I learn by doing . For ME 123 , there were three lab exam practice and that was good , lecture exam practice was slightly lacking . Physics classes only provide two practice exams , which not enough for me , and Math always has enough which is good ."
 [- Tokens: 57 - Sentence-Labels: {'label': [POSITIVE (0.8308)]}]
 POSITIVE

Sentence: "I find it is very useful if they give a large source of practice problems because it is difficult for me to study by reviewing lectures of books , it is easier for me to simply try to work out a problem and figure out what I do n't know , or do n't understand right ."
 [- Tokens: 57 - Sentence-Labels: {'label': [POSITIVE (0.6914)]}]
 POSITIVE

Sentence: "Give relevant examples in class of ideas or concepts being taught in a course ."
 [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9921)]}]
 POSITIVE

Sentence: "The professors can provide more practices problems and support document about the class . Like PPT and related assignment ."
 [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.5072)]}]
 POSITIVE

Sentence: "The professor does well in my opinion , although I would like a few more resources for exams especially for the multiple choice problems ."
 [- Tokens: 25 - Sentence-Labels: {'label': [POSITIVE (0.9733)]}]
 POSITIVE

Sentence: "One action that my professors take to best support the students in the class is to give us resources to learn better , for example some of my professors provide extra practice problems outside of homework or practice exams to help you feel more prepared for the tests ."
 [- Tokens: 49 - Sentence-Labels: {'label': [POSITIVE (0.7566)]}]
 POSITIVE

Sentence: "I really like the style of the lectures , except that there have been times when she talks about some slides super fast that I can't follow up . But this is not a problem since we have Panapto Recording ."
 [- Tokens: 42 - Sentence-Labels: {'label': [POSITIVE (0.9971)]}]
 POSITIVE

Sentence: "Provide clarity in expectations from the start , a timeline of the quarter / what topics will be covered"
 [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9884)]}]

POSITIVE

Sentence: "Be specific about the material that will be taught and covered as well as what will be tested on ." [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.9273)]]}

POSITIVE

Sentence: "Professors can provide more study materials for exams ." [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.5295)]]}

POSITIVE

Sentence: "I think that one of the most helpful things that a professor can do to help support student is to pick practice problems and provide many practice tests" [- Tokens: 28 - Sentence-Labels: {'label': [POSITIVE (0.9758)]]}

POSITIVE

Sentence: "Offer more resources for studying such as previous tests (and answers) as well as study guides ." [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.8156)]]}

POSITIVE

Sentence: "Giving more examples and worksheets to aid in drawing pictorials" [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9863)]]}

POSITIVE

Sentence: "Have many extra study resources online like practice tests" [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.9736)]]}

POSITIVE

Sentence: "Post all notes , slides , and lectures so that we can review and study for the course easiest ." [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.9753)]]}

POSITIVE

Sentence: "Use slides with relevant information from the book to teach and post the slides for the students' review purposes" [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.8775)]]}

POSITIVE

Sentence: "be clear and consistent with amount / difficulty and due date of homework , exams , etc" [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9985)]]}

POSITIVE

Sentence: "Provide lot of practice exams" [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9898)]]}

POSITIVE

Sentence: "Uploading notes" [- Tokens: 2 - Sentence-Labels: {'label': [NEGATIVE (0.6583)]]}

NEGATIVE

Sentence: "Practice exams that are an accurate representation of what we can expect on a real exam ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9998)]]}

POSITIVE

Sentence: "Post lecture notes on canvas" [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.6488)]]}

POSITIVE

Sentence: "Provide extra resources for practice outside of graded homework assignments ." [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9951)]]}

POSITIVE

Sentence: "They can help by providing plenty of practice opportunities / problems ." [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9822)]]}

POSITIVE

Sentence: "provide panopto recordings ." [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9813)]]}

POSITIVE

Sentence: "Provide as many additional practice materials as possible available on Canvas (old exams , recommended problems , etc .)" [- Tokens: 21 - Sentence-Labels: {'label': [POSITIVE (0.9973)]]}

POSITIVE

Sentence: "The way he assigns homework working very well this quarter he provides extra suggested problems ." [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9946)]]}

POSITIVE

Sentence: "Clearly write down the equations that are specifically associated with

h the chapter that 's needed for the exam ." [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9721)]}]
 POSITIVE
 Sentence: "I think what helps me out a lot is when the professor posts the in class notes online because that resource is a helpful reference to when struggling on a subject . In addition , the professor 's notes tend to be more cohesive than the notes that I take ." [- Tokens: 51 - Sentence-Labels: {'label': [POSITIVE (0.9985)]}]
 POSITIVE
 Sentence: "I think providing a lot of extra practice is very helpful . This can be in the form of providing practice midterms , suggested problems from the book and lots of them . After all , college is a place where people who can take tests succeed , not people who can learn and apply knowledge to their lives ." [- Tokens: 60 - Sentence-Labels: {'label': [POSITIVE (0.5082)]}]
 POSITIVE
 Sentence: "more examples" [- Tokens: 2 - Sentence-Labels: {'label': [POSITIVE (0.9395)]}]
 POSITIVE
 Sentence: "in-class note and he will upload it" [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.9984)]}]
 POSITIVE
 Sentence: "Provide Panopto" [- Tokens: 2 - Sentence-Labels: {'label': [POSITIVE (0.9831)]}]
 POSITIVE
 Sentence: "Provide practice material , particularly for exams ." [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.9927)]}]
 POSITIVE
 Sentence: "offer additional practice problems outside of homework" [- Tokens: 7 - Sentence-Labels: {'label': [NEGATIVE (0.5303)]}]
 NEGATIVE
 Sentence: "Post more practice material with worked out solutions . An exam question with a one number answer does n't help me study" [- Tokens: 22 - Sentence-Labels: {'label': [NEGATIVE (0.9986)]}]
 NEGATIVE
 Sentence: "Providing additional resources so that students can have more opportunities to practice material that they learned ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9961)]}]
 POSITIVE
 Sentence: "Use panopto recordings so I can rewatch difficult concepts explained in lecture ." [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9993)]}]
 POSITIVE
 Sentence: "Be more clear and specific to what is expected to be known / covered on exams and tests ." [- Tokens: 19 - Sentence-Labels: {'label': [NEGATIVE (0.9228)]}]
 NEGATIVE
 Sentence: "Practice problems and midterms" [- Tokens: 4 - Sentence-Labels: {'label': [NEGATIVE (0.9865)]}]
 NEGATIVE
 Sentence: "Provide extra homework examples ." [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9122)]}]
 POSITIVE
 Sentence: "It is very helpful when teachers make it clear what type of problems we should focus on reviewing for midterms and finals . As a STEM student , I don't have enough time to sift through every single bit of material we covered only to not need to know a lot of it for a test . We take too much time consuming classes for that so it would be nice to have a more comprehensive review sheet to study from ." [- Tokens: 83 - Sentence-Labels: {'label': [POSITIVE (0.9843)]}]
 POSITIVE
 Sentence: "Give an equation sheet at the beginning of the quarter so we do not have to search through all of our notes to find the correct equation for the situation . It is all just on one sheet for us to use ." [- Tokens: 43 - Sentence-Labels: {'label': [NEGATIVE (0.9886)]}]
 NEGATIVE

Sentence: "Provide equation sheet" [- Tokens: 3 - Sentence-Labels: {'label': [POSITIVE (0.948)]}]
 POSITIVE

Sentence: "Have a panapto recording so that we can review the notes and listen to the lecture to understand more if we need to ." [- Tokens: 24 - Sentence-Labels: {'label': [POSITIVE (0.9132)]}]
 POSITIVE

Sentence: "Having enough conceptually challenging questions (in the homework , or past midterms) as practice ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9963)]}]
 POSITIVE

Sentence: "Provide as much extra study material as possible . Students should not have to take measures such as joining fraternities or other SRO 's or pay money online to gain additional study material . If the student is willing to put in their time and effort to master the material , they should be provided enough material to do so . One practice midterm or final is not enough ." [- Tokens: 70 - Sentence-Labels: {'label': [POSITIVE (0.9683)]}]
 POSITIVE

Sentence: "Make class resources clear , easily accessible , and readily available . EG : The ME 230 syllabus contains basic information about office hours , and how many midterms there are . It does not explain how grading works . ME also does not have a set list of concepts that need to be known before each midterm . ME does offer practice tests well ahead of time ." [- Tokens: 69 - Sentence-Labels: {'label': [POSITIVE (0.9849)]}]
 POSITIVE

Sentence: "Give us practice exam ." [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9631)]}]
 POSITIVE

Sentence: "Do n't assign homework right before the test ; give us that time to study instead of have to learn new concepts ." [- Tokens: 23 - Sentence-Labels: {'label': [POSITIVE (0.9819)]}]
 POSITIVE

Sentence: "Give more practice exams ." [- Tokens: 5 - Sentence-Labels: {'label': [NEGATIVE (0.9708)]}]
 NEGATIVE

Sentence: "Provide helpful links from other sources (Youtube , Khan Academy , etc) that explain topics we are going over in class if we need more review for them . Instructor verified alternate sources of information" [- Tokens: 37 - Sentence-Labels: {'label': [NEGATIVE (0.9985)]}]
 NEGATIVE

Sentence: "Offer multiple practice tests , along with their solutions , during midterm seasons" [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9958)]}]
 POSITIVE

Sentence: "Outline the class beforehand so I can supplement lecture teachings to outside learning . (Textbook chapters , topics to be covered , etc)" [- Tokens: 25 - Sentence-Labels: {'label': [POSITIVE (0.9195)]}]
 POSITIVE

Sentence: "Record the lectures ." [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9935)]}]
 POSITIVE

Sentence: "Panapto Recordings" [- Tokens: 2 - Sentence-Labels: {'label': [POSITIVE (0.9998)]}]
 POSITIVE

Sentence: "Provide lots of worked examples to practice with ." [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.9991)]}]
 POSITIVE

Sentence: "Providing more practice exams and materials to study for midterms and finals" [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9887)]}]
 POSITIVE

Sentence: "Work with TA 's to create synchronous curriculum . Often the material in lab / section is very disjointed from lectures in classes ." [- Tokens: 24 - Sentence-Labels: {'label': [NEGATIVE (0.9824)]}]
 NEGATIVE

Sentence: "Provide the resources we need to excel in the classes such as practice

e tests and problems and providing solutions for those as well ." [- Tokens: 2
 4 - Sentence-Labels: {'label': [POSITIVE (0.9891)]}]
 POSITIVE
 Sentence: "more practice material , like practice tests" [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.9332)]}]
 POSITIVE
 Sentence: "Providing lots of review material (practice problems with worked solutions , previous quarter 's midterms , etc)" [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9701)]}]
 POSITIVE
 Sentence: "Provide references to textbook chapters so it is easy to self study at home ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.7912)]}]
 POSITIVE
 Sentence: "Include excess practice problems / exams on canvas" [- Tokens: 8 - Sentence-Labels: {'label': [NEGATIVE (0.9983)]}]
 NEGATIVE
 Sentence: "Online resources ; post more notes on line" [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.947)]}]
 POSITIVE
 Sentence: "Online resources" [- Tokens: 2 - Sentence-Labels: {'label': [POSITIVE (0.9939)]}]
 POSITIVE
 Sentence: "It would be better if we can have an equation sheet" [- Tokens: 11 - Sentence-Labels: {'label': [NEGATIVE (1.0)]}]
 NEGATIVE
 Sentence: "Be specific as to what will be asked for on the exam" [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.8324)]}]
 POSITIVE
 Sentence: "Email class notes after every class ." [- Tokens: 7 - Sentence-Labels: {'label': [NEGATIVE (0.804)]}]
 NEGATIVE
 Sentence: "While most professors already do this , I can not overstate the importance of lecture recordings to the quality online learning ." [- Tokens: 22 - Sentence-Labels: {'label': [POSITIVE (0.9989)]}]
 POSITIVE
 Sentence: "To best support students , Professor Chen 's approach of interactive labs and recorded lectures proved most helpful , as other EE classes simply just go over notes ." [- Tokens: 29 - Sentence-Labels: {'label': [POSITIVE (0.9201)]}]
 POSITIVE
 Sentence: "Recording the lectures was extremely helpful . With the ability to revisit the lecture , I am able to re-enforce key concepts . In most cases , observing a lecture can be like drinking from a fire hydrant . Its difficult to think of questions until putting it in practice with homework ." [- Tokens: 53 - Sentence-Labels: {'label': [POSITIVE (0.9992)]}]
 POSITIVE
 Sentence: "Provide easily accessible recordings in a timely manner (ideally same-day) ." [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9979)]}]
 POSITIVE
 Sentence: "They can post supplemental notes for the class in Latex or other typed format . This helps make the class more clear . In addition , they can post a schedule of what sections in the book the class has covered each lecture and a short description ." [- Tokens: 48 - Sentence-Labels: {'label': [POSITIVE (0.9921)]}]
 POSITIVE
 Sentence: "They can encourage us to reach out to them more . Being online , it is a lot easier to fall behind in a class ." [- Tokens: 26 - Sentence-Labels: {'label': [POSITIVE (0.9577)]}]
 POSITIVE
 Sentence: "Be open to help with any questions , and be quick to respond to emails on school days at reasonable hours ." [- Tokens: 22 - Sentence-Labels: {'label': [POSITIVE (0.726)]}]
 POSITIVE
 Sentence: "I think they can just provide as much outside help such as office hours and emails as possible to help students easier ." [- Tokens: 23 - Sentence

-Labels: {'label': [NEGATIVE (0.759)]}]

NEGATIVE

Sentence: "Make weekly adjustments to the course structure as we go , according to feedback from students . I feel like everyone , the professors and the students , is still trying to figure out the best way to teach / learn , and having constant feedback from students is certainly helpful ." [- Tokens: 52 - Sentence

-Labels: {'label': [POSITIVE (0.9992)]}]

POSITIVE

Sentence: "Conducting more office hours at different times ... I had trouble making it to this quarter 's office hours because it 's the same time every day and I had a class that was exactly the same time as well" [- Tokens: 40 - Sentence

-Labels: {'label': [NEGATIVE (0.9942)]}]

NEGATIVE

Sentence: "Being available to answer questions a little after lecture or during office hours" [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9886)]}]

POSITIVE

Sentence: "Professors could frequently survey students and alter their teaching based on students' feedback . For example , if students like or dislike the professors' current way of instruction , it would be helpful for the professors to know and adjust accordingly . Secondly , laboratory alternatives should be offered to students . Classes like EE 235 are less impacted by online instruction since the labs are Python programming assignments , but for classes that involve hardware , students should be offered the opportunity to obtain the lab kits and do the experiments at home , instead of doing simulation software ." [- Tokens: 101 - Sentence-Labels: {'label': [NEGATIVE (0.9583)]}]

NEGATIVE

Sentence: "Ability to answer questions . While delivering fantastic lectures would be great , I understand that in this trying time it might be a difficult format for professors , delivering lectures through an online format is difficult , so it 's difficult to expect that . One thing that all professors should be capable of , and thankfully , all of my current professors have been capable of , is simply being available for questions , be it during zoom meetings , through email , or some other format . This way they can supplement their lectures as needed ." [- Tokens: 100 - Sentence-Labels: {'label': [POSITIVE (0.9999)]}]

POSITIVE

Sentence: "I think additional office hours would help as well as being a little more lenient on due dates would be helpful . I experienced my fair share of technical difficulties this quarter especially with the labs ." [- Tokens: 37 - Sentence-Labels: {'label': [NEGATIVE (0.998)]}]

NEGATIVE

Sentence: "Having an abundance of office hours is very helpful . I think Tai Chen is going above & beyond in that department & it is really helping my education to have many opportunities for extra help . I also think the weekly quizzes is a better testing system during online classes to make sure students are really staying up to date on their studies ." [- Tokens: 65 - Sentence-Labels: {'label': [POSITIVE (0.9762)]}]

POSITIVE

Sentence: "have multiple office hours throughout the week and assign less homework than usual because a lot of time is already spent at the computer watching lectures" [- Tokens: 26 - Sentence-Labels: {'label': [NEGATIVE (0.9932)]}]

NEGATIVE

Sentence: "Offer similar opportunities to in person classes as much as possible (ability to discuss with others , discuss with TAs , attend office hours , etc.) . In addition , being understanding of where differences in grading or assignments may need to occur ." [- Tokens: 46 - Sentence-Labels: {'label': [POSITIVE (0.9662)]}]

POSITIVE

Sentence: "Just make it clear exactly which topics will be covered when an exam is coming . The offering of private office hours (like when people wanted to talk about their grade after exam 2) was really helpful for people who did not want to barge in at office hours . The practice exams also felt REALLY tame compared to the actual exams . I am not sure if this was done on purpose , but I never felt truly prepared once I hit any of the exams . On the first exam , we covered Karnaugh maps on Tuesday , and the exam which was about 40 % Karnaugh maps was

s on Thursday . The following homework also had a lot to do with Karnaugh maps . I think this was a decision made by this class , but it was a poor one . On many of the exams , students could have done much better overall if the exam was just pushed passed the next homework . Please consider this in future exam planning ."

[- Tokens: 179 - Sentence-Labels: {'label': [NEGATIVE (0.9998)]}]

NEGATIVE

Sentence: "Being flexible with office hours , and making homework applicable and reasonably long ." [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9967)]}]

POSITIVE

Sentence: "The most recent example I can think of : 1. Long term : A professor came up to me and showed me a internship opportunity . After I applied he wrote a recommendation letter & followed up on the entire process . Even though it might not pan out , knowing someone believes in me enough to do this means a lot . 2. Short term : I forgot to turn in my first online homework for this ME class , when I contacted the professor she went waayyy out of her way to allow me to turn it in . It helps seeing that these people are willing to help you out and to understand you ." [- Tokens: 118 - Sentence-Labels: {'label': [POSITIVE (0.5808)]}]

POSITIVE

Sentence: "Giving as much feedback on assignments and tests as they can with lots of opportunities to get help ." [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9861)]}]

POSITIVE

Sentence: "Actively ensure the concepts are understood and review accordingly . Fair , relevant exam material ." [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9714)]}]

POSITIVE

Sentence: "Offer more one-on-one time outside classes to make up for large class size . Create tests more in-line with the practice material they provide , and we'll as tests that do n't average around 40 %" [- Tokens: 37 - Sentence-Labels: {'label': [POSITIVE (0.6302)]}]

POSITIVE

Sentence: "Provide consistent weekly office hours for face time with the prof in order to clear up confusion on lectures and homework . I like Professor Zhazhan 's approach of having office hours during the designated lecture hours so that it is at a time when student 's have already committed to being available ." [- Tokens: 54 - Sentence-Labels: {'label': [POSITIVE (0.9971)]}]

POSITIVE

Sentence: "Making accommodations / appointments to me when I can't go to assigned office hours . Allowing time during lectures for students to ask questions For larger classes / lectures , repeating student questions out loud then answering them Simplifying textbook content that are typically more complicated to understand and adding more info with their own knowledge and does n't just teach by the book . Having very organized notes / lectures with clear objectives per lectures sessions . Especially if they already have a pre-planned list of topics that we are expected to learn for the entire quarter Only having us read parts of textbooks that won't be covered in class or will provide clearer clarification than that during lecture instead of having us read whole chapters of textbooks and waste time reading irrelevant info we'll most likely just forget anyway ." [- Tokens: 145 - Sentence-Labels: {'label': [POSITIVE (0.9791)]}]

POSITIVE

Sentence: "Offering extra office hours or time during class to ask questions about confusing topics . Also stopping frequently during lecture to ask if any questions have come up because it is awkward to interrupt the professor if you have a question ." [- Tokens: 42 - Sentence-Labels: {'label': [POSITIVE (0.9982)]}]

POSITIVE

Sentence: "The best thing a professor can do is be helpful through consistent communication with students through office hours and questions in class . Asking questions and staying involved in the material is how a student learns , and the professor 's ability to meet the demand by providing the knowledge is important . Office hours and class sessions online is not the same as in-person , but I do not believe that they are less for it . The students who go and take advantage of this will succeed , and the students who do n't (like me) will fail through

no fault of the professor ." [- Tokens: 109 - Sentence-Labels: {'label': [POSITIVE (0.9982)]}]
 POSITIVE
 Sentence: "office hours and flexibility" [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9986)]}]
 POSITIVE
 Sentence: "Being available for office hours . Being more lenient and understanding because we are living through a pandemic" [- Tokens: 18 - Sentence-Labels: {'label': [NEGATIVE (0.5015)]}]
 NEGATIVE
 Sentence: "Remaining flexible to the dynamic environment that is online learning . Maintaining a willingness to work one-on-one with students who are struggling in the class (more often than if the classes were in-person) is possibly the largest form of support a teacher can offer right now ." [- Tokens: 49 - Sentence-Labels: {'label': [POSITIVE (0.9994)]}]
 POSITIVE
 Sentence: "Deliver lecture in good structure and organization and hold office hours for questions ." [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9965)]}]
 POSITIVE
 Sentence: "The best thing they can do is to be enthusiastic about the subject matter and willing / enthusiastic about giving extra support ." [- Tokens: 23 - Sentence-Labels: {'label': [POSITIVE (0.9501)]}]
 POSITIVE
 Sentence: "Try to have the schedule and grading scheme figured out by the beginning of the quarter : eg. when homeworks will be due throughout the quarter , when quizzes and exams will take place and what they will look like (eg. timed on Zoom or take home) , what the grading scheme will look like including what the curve is set to , what is the late policy if any . Obviously some things are necessarily subject to change , but having that kind of clarity is really helpful , especially in an online environment where things can be confusing . Have good online communication (eg. sending out emails or canvas announcements) about these things" [- Tokens: 119 - Sentence-Labels: {'label': [NEGATIVE (0.9883)]}]
 NEGATIVE
 Sentence: "I think they should offer more office hours or some added list of resources (TAs , websites , etc.) that we can use to get help . One of the hardest things about online classes is feeling like you don't have enough support , like friends in the class or tutoring centers , to be able to succeed . Lectures should not be the only way we're expected to learn the format ; I think some effective redundancy with optional readings or something would be really beneficial in helping concepts stick . Discussion sections with the TA where we go over the concepts of the week with a more student perspective have been THE MOST HELPFUL THING EVER !! !" [- Tokens: 124 - Sentence-Labels: {'label': [NEGATIVE (1.0)]}]
 NEGATIVE
 Sentence: "Record all lectures and give a lot of examples to support topics in class . Also , be available for homework and / or lecture questions" [- Tokens: 26 - Sentence-Labels: {'label': [POSITIVE (0.592)]}]
 POSITIVE
 Sentence: "Hold more office hours online for students to ask questions and provide additional lecture notes for students to learn the material more in-depth ." [- Tokens: 24 - Sentence-Labels: {'label': [POSITIVE (0.9265)]}]
 POSITIVE
 Sentence: "Availability in terms of office hours or additional / alternative resources for learning" [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.999)]}]
 POSITIVE
 Sentence: "Having additional resources and recordings for format that is hard to teach without being side-by-side , as well as additional office hours and an ability to share screens to work through such concepts ." [- Tokens: 34 - Sentence-Labels: {'label': [POSITIVE (0.9996)]}]
 POSITIVE
 Sentence: "I think the only teachers could do is provide more office hours and maybe annotated lecture slides but not much being online ." [- Tokens: 23 - Sentence-Labels: {'label': [NEGATIVE (0.8735)]}]

NEGATIVE

Sentence: "I appreciate it when professors have accessible office hours to ask questions , especially when the class is prerecorded on Panopto . And if lectures are prerecorded , it is ideal when they are posted before the typical class section time , because I like to watch them during the typical time . It 's also easier for me if the Canvas page is organized . Some classes have everything on the main page as a bunch of links and it 's difficult to find things ." [- Tokens: 87 - Sentence-Labels: {'label': [POSITIVE (0.9985)]}]

POSITIVE

Sentence: "Having review section before the midterms always help , also , Panopto should be recorded for every lecture since the materials now are very hard and we often do n't get it the first time ." [- Tokens: 36 - Sentence-Labels: {'label': [POSITIVE (0.9881)]}]

POSITIVE

Sentence: "Stay organized and communicative with the class as a whole . For example , making sure all of the course materials are posted in an organized and timely fashion and making sure students understand exactly what is expected from them in each class . In addition , taking feedback from students and tailoring their teaching style appropriately ." [- Tokens: 58 - Sentence-Labels: {'label': [POSITIVE (0.9956)]}]

POSITIVE

Sentence: "If professors can host more office hours , it can be really helpful . Personally , I think professors should provide more practice exams before the midterm because some students like me need a lot of practices to fully understand the materials ." [- Tokens: 43 - Sentence-Labels: {'label': [POSITIVE (0.6854)]}]

POSITIVE

Sentence: "office hours and panapto" [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9986)]}]

POSITIVE

Sentence: "Be available to make clarifications on content , making previous content available online" [- Tokens: 13 - Sentence-Labels: {'label': [NEGATIVE (0.787)]}]

NEGATIVE

Sentence: "Put up lecture slides before class and have Panopto . Send an email of a summary of what happened in class ." [- Tokens: 22 - Sentence-Labels: {'label': [POSITIVE (0.9211)]}]

POSITIVE

Sentence: "I feel that when I go to office hours there are lot of people and sometimes it can become difficult to ask for help . Possibly organize office hours differently . It would be nice if there were review sessions as one of the office hours that would serve as supplemental lecture for topics that are still confusing . Maybe having more practice material in office hours would be beneficial for others as well ." [- Tokens: 75 - Sentence-Labels: {'label': [NEGATIVE (0.9985)]}]

NEGATIVE

Sentence: "offering extra credit , multiple chances , office hours , practice exams" [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9886)]}]

POSITIVE

Sentence: "Professors at UW can hold exam reviews and provide practice exams to help support . A lot of struggle in college can come from not knowing what the professors are looking for on exams ." [- Tokens: 35 - Sentence-Labels: {'label': [POSITIVE (0.7721)]}]

POSITIVE

Sentence: "I suppose everyone is doing the best they can . Possibly more office hour times ? Or maybe assigning people groups where they can study weekly ." [- Tokens: 27 - Sentence-Labels: {'label': [POSITIVE (0.9658)]}]

POSITIVE

Sentence: "I think having Office Hours and maybe being online more and responding more to students questions (response rate at like maybe half an hour) ." [- Tokens: 27 - Sentence-Labels: {'label': [NEGATIVE (0.975)]}]

NEGATIVE

Sentence: "Have accessible office hours and be very responsive to emails ." [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9932)]}]

POSITIVE

Sentence: "I believe that professor can best support their students during remote learning by being responsive when it comes to email . Remote learning limits peer-to-peer interaction so forming a study group is hard , though there is a greater dependence on the professor 's support . By increasing office hours and being responsive to students' emails can help support the students better . (My prof did a great job btw)" [- Tokens: 72 - Sentence-Labels: {'label': [POSITIVE (0.8268)]]}
 POSITIVE

Sentence: "Make themselves available for office hours (& maybe mention that if those hours do n't work for someone , they can arrange something over email)" [- Tokens: 26 - Sentence-Labels: {'label': [POSITIVE (0.8307)]]}
 POSITIVE

Sentence: "More team projects and weekly check-ins" [- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.8422)]]
 POSITIVE

Sentence: "Extra office hour or if possible providing a one on one meeting with student to answer some question using google form to sign up ." [- Tokens: 25 - Sentence-Labels: {'label': [POSITIVE (0.99)]]
 POSITIVE

Sentence: "Frequent communication and more office hours ." [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.9918)]]
 POSITIVE

Sentence: "Answering questions via Email or giving office hours ." [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.7868)]]
 POSITIVE

Sentence: "Providing more office hours , be responsive over class time , reachable by emails , maybe try to be more friendly and caring" [- Tokens: 23 - Sentence-Labels: {'label': [POSITIVE (0.6035)]]
 POSITIVE

Sentence: "Being accessible and responsive is the most helpful thing during online teaching ." [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9961)]]
 POSITIVE

Sentence: "Being available to help outside of class whether that be having frequent office hours , homework help , or actively responding to emails . The hardest part about online classes was the difficulty in being able to access as many resources for help in classes ." [- Tokens: 46 - Sentence-Labels: {'label': [POSITIVE (0.524)]]
 POSITIVE

Sentence: "Holding office hours and being readily available to answer questions by email ." [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9933)]]
 POSITIVE

Sentence: "They can offer availability like office hours , zoom meetings , or answer emails to answer any questions , offer help / resources or answer any concerns" [- Tokens: 27 - Sentence-Labels: {'label': [POSITIVE (0.8454)]]
 POSITIVE

Sentence: "Providing interactive lectures , discussion / participation sections , and lots of available TA office hours ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9949)]]
 POSITIVE

Sentence: "Having as many office hours as possible . The breakout rooms were also pretty useful in meeting new students ." [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.9962)]]
 POSITIVE

Sentence: "To be readily available for answering students' question and hold lots of study session in preparation of an exam" [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9938)]]
 POSITIVE

Sentence: "I believe that being available as possible is one of the most helpful things a professor can do for their students . Whether it be having frequent office hours or just quickly responding to emails , communication with professors is always beneficial for students ." [- Tokens: 45 - Sentence-Labels: {'label': [POSITIVE (0.9898)]]
 POSITIVE

Sentence: "Provide office hours and review sessions and practice tests" [- Tok

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ens: 9 - Sentence-Labels: {'label': [POSITIVE (0.991)]}]
POSITIVE
Sentence: "Choose catalyst or canvas , not both . Lab groups should be assigned
based on leveling the field . Pairing confident students with those who are not
." [- Tokens: 28 - Sentence-Labels: {'label': [NEGATIVE (0.8362)]}]
NEGATIVE
Sentence: "Have flexible office hours online where the professor can answer ques
tions one on one since it 's harder to ask questions during an online lecture ."
[- Tokens: 26 - Sentence-Labels: {'label': [POSITIVE (0.9937)]}]
POSITIVE
Sentence: "Holding more online office hours which allows us to interact with the
m ." [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9961)]}]
POSITIVE
Sentence: "Having convenient office hours and being willing to try and make time
or discuss problems over email if someone can not attend regular offices ." [-
Tokens: 25 - Sentence-Labels: {'label': [POSITIVE (0.9988)]}]
POSITIVE
Sentence: "I think they may want to consider students in different time zones ar
ound the world to be more supportive , like try not holding office hours and exa
m time at one fixed time , which is a little unfair for students in some time zo
nes that is not so convenient ." [- Tokens: 51 - Sentence-Labels: {'label':
[NEGATIVE (0.9998)]}]
NEGATIVE
Sentence: "have reasonably accessible online office hours" [- Tokens: 6 - Sen
tence-Labels: {'label': [POSITIVE (0.9968)]}]
POSITIVE
Sentence: "More group work" [- Tokens: 3 - Sentence-Labels: {'label': [POSITI
VE (0.99)]}]
POSITIVE
Sentence: "be easy to reach out to over email ." [- Tokens: 9 - Sentence-Labe
ls: {'label': [POSITIVE (0.9383)]}]
POSITIVE
Sentence: "The professors can be more diligent about responding to emails ."
[- Tokens: 11 - Sentence-Labels: {'label': [NEGATIVE (0.9951)]}]
NEGATIVE
Sentence: "Hold regular office hours" [- Tokens: 4 - Sentence-Labels: {'labe
l': [POSITIVE (0.9963)]}]
POSITIVE
Sentence: "Be available outside of class for additional help and office hours ."
[- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.544)]}]
POSITIVE
Sentence: "Being extra accommodating & realizing how much more difficult it is t
o successfully complete a STEM course online is important . Having multiple offi
ce hours a week would definitely be a smart move * one of my other professors ha
d 4 a week , an hour after every lecture which was so helpful ) . Students most
likely will need extra help when we do n't have any face time with classes , so
being there to give extra help is necessary ." [- Tokens: 83 - Sentence-Label
s: {'label': [POSITIVE (0.9977)]}]
POSITIVE
Sentence: "Creating multiple avenues to easily ask small questions , these types
of questions are normally the ones I would ask about homework after class which
is no longer possible in an online setting ." [- Tokens: 34 - Sentence-Label
s: {'label': [POSITIVE (0.9706)]}]
POSITIVE
Sentence: "Having flexible office hours to answer questions from students ."
[- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9975)]}]
POSITIVE
Sentence: "Be more responsive to feedback" [- Tokens: 5 - Sentence-Labels:
{'label': [NEGATIVE (0.9852)]}]
NEGATIVE
Sentence: "Assigning as study groups can be helpful , since it 's hard to met so
meone from online classes ." [- Tokens: 19 - Sentence-Labels: {'label': [POSI
TIVE (0.5453)]}]
POSITIVE
Sentence: "Hold extra office hours" [- Tokens: 4 - Sentence-Labels: {'label':

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[POSITIVE (0.9976)]]]
POSITIVE
Sentence: "Office hours"    [- Tokens: 2  - Sentence-Labels: {'label': [POSITIVE
(0.9975)]]]
POSITIVE
Sentence: "Have flexible office hours for when I have time outside of normal cla
sses"    [- Tokens: 13  - Sentence-Labels: {'label': [POSITIVE (0.9967)]]]
POSITIVE
Sentence: "Reply to emails quickly"    [- Tokens: 4  - Sentence-Labels: {'label':
[NEGATIVE (0.9633)]]]
NEGATIVE
Sentence: "One way my professor can help better support me in my classes is make
email announcements anytime something changes throughout the week , in addition
to the one that briefs over the week ."    [- Tokens: 34  - Sentence-Labels: {'l
abel': [POSITIVE (0.9375)]]]
POSITIVE
Sentence: "I would say more discussion sections where the professor or TA will d
o problems similar to the homework or exam ."    [- Tokens: 21  - Sentence-Label
s: {'label': [NEGATIVE (0.8022)]]]
NEGATIVE
Sentence: "Send reminders or check-in emails regularly . Give a preview of what
's coming and what 's due , and maybe some resources to help ."    [- Tokens: 26
- Sentence-Labels: {'label': [POSITIVE (0.6564)]]]
POSITIVE
Sentence: "Since online , the teaching may not be as good as in-class , so holdi
ng more office hours would be a big help"    [- Tokens: 23  - Sentence-Labels:
{'label': [NEGATIVE (0.9707)]]]
NEGATIVE
Sentence: "Provide multiple office hours at different times . I feel like being
online , students have more questions with how to do things , and by having mul
tiple office hours , it ensures that a lot of people can come in and ask their q
uestions ."    [- Tokens: 46  - Sentence-Labels: {'label': [POSITIVE (0.9947)]]]
POSITIVE
Sentence: "Do recitation sessions and upload the recording of the session . Reci
tation sessions as in going over examples and lecture materials ."    [- Tokens:
22  - Sentence-Labels: {'label': [POSITIVE (0.8017)]]]
POSITIVE
Sentence: "more office hours as holding office hours is actually easily online
."    [- Tokens: 12  - Sentence-Labels: {'label': [POSITIVE (0.9101)]]]
POSITIVE
Sentence: "Hold an online review session before the exam ."    [- Tokens: 9  - Se
ntence-Labels: {'label': [POSITIVE (0.9048)]]]
POSITIVE
Sentence: "Offer quiz review sessions that covers common mistakes or challenging
problems ."    [- Tokens: 12  - Sentence-Labels: {'label': [POSITIVE (0.9219)]]]
POSITIVE
Sentence: "It 's imperative that professors get student feedback in real time so
that they can make updates to the course delivery in real time . Professors shou
ld promote discussion , and they should provide the online support needed to cop
e in learning in an online environment ."    [- Tokens: 47  - Sentence-Labels:
{'label': [POSITIVE (0.9881)]]]
POSITIVE
Sentence: "I think it would best if professors were be able to j0t lecture as no
rmal , but allow students to schedule zoom meetings as office hours . This is go
ing to ask a lot , but having a mini lecture if a lot of students are struggling
with certain topics ."    [- Tokens: 51  - Sentence-Labels: {'label': [NEGATIVE
(0.9993)]]]
NEGATIVE
Sentence: "Professors can offer more office hours than 0ual ."    [- Tokens: 9  -
Sentence-Labels: {'label': [NEGATIVE (0.5937)]]]
NEGATIVE
Sentence: "Providing more office hour times than 0ual as material is typically h
arder to grasp in the online setting ."    [- Tokens: 19  - Sentence-Labels: {'la
bel': [POSITIVE (0.9734)]]]
POSITIVE

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Sentence: "Additional office hours , if possible , would be great . Also , I think the flipped classroom is really helpful . It allows 0 to solve more problems and ask questions during class . It also helps that the slides and latex notes are posted ." [- Tokens: 47 - Sentence-Labels: {'label': [POSITIVE (0.9941)]]}]
 POSITIVE

Sentence: "Offer a lot of office hours . More than 0ual would be very nice . Providing example tests really really helps (I really appreciated the one that Professor Kirschen posted for the midterm) ." [- Tokens: 36 - Sentence-Labels: {'label': [POSITIVE (0.9942)]]}]
 POSITIVE

Sentence: "More office hours" [- Tokens: 3 - Sentence-Labels: {'label': [POSITIVE (0.9925)]]}]
 POSITIVE

Sentence: "Answering questions that I have after the class (over email , etc .)" [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.8503)]]}]
 POSITIVE

Sentence: "Hold extra office hours" [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9976)]]}]
 POSITIVE

Sentence: "More Office Hours" [- Tokens: 3 - Sentence-Labels: {'label': [POSITIVE (0.9925)]]}]
 POSITIVE

Sentence: "Gather input from students , such as where they are , so that they can find times for office hours that works for most ." [- Tokens: 25 - Sentence-Labels: {'label': [POSITIVE (0.9882)]]}]
 POSITIVE

Sentence: "Professors can provide extra opportunity to answer questions on assignments and for clarifications about the course ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9578)]]}]
 POSITIVE

Sentence: "By sending out weekly updates with reminders of assignments and what is expected for the course during that week ." [- Tokens: 20 - Sentence-Labels: {'label': [NEGATIVE (0.5921)]]}]
 NEGATIVE

Sentence: "Task check-ups for projects have helped me a lot . It sets aside a time for the professor to help students if they are going in the wrong direction and don't know it ." [- Tokens: 35 - Sentence-Labels: {'label': [POSITIVE (0.9986)]]}]
 POSITIVE

Sentence: "Lots of office hours" [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9968)]]}]
 POSITIVE

Sentence: "being in communication with students boosts confidence is students asking for help when they need it . This could mean providing as many avenues for students to reach professors . For example , one of my professors is very active on Facebook which allows me to be in close / live communication online through instant messaging , instead of only emails or office hours . it depends on what the subject taught in the class is ." [- Tokens: 77 - Sentence-Labels: {'label': [NEGATIVE (0.5292)]]}]
 NEGATIVE

Sentence: "They can be available to respond to email questions quickly . This has been helpful because it 's harder to ask professors questions in the online format ." [- Tokens: 28 - Sentence-Labels: {'label': [POSITIVE (0.9104)]]}]
 POSITIVE

Sentence: "I think it might be helpful if professors were to make discussion groups within their class (whether that be on Canvas or somewhere else) where students can ask questions and organize study groups ." [- Tokens: 36 - Sentence-Labels: {'label': [NEGATIVE (0.9311)]]}]
 NEGATIVE

Sentence: "Be communicative of goals and workflow of the class , along with due dates and how you can get help if you are struggling in a class , along with having plenty of resources available ." [- Tokens: 36 - Sentence-Labels: {'label': [POSITIVE (0.9886)]]}]
 POSITIVE

Sentence: "Have lots of office hours to go to" [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.9975)]}]
 POSITIVE

Sentence: "Check in with students who do n't do well on tests . J0t to see if th ere 's anything they can do ." [- Tokens: 23 - Sentence-Labels: {'label': [NEGATIVE (0.6329)]}]
 NEGATIVE

Sentence: "I felt disconnected from the rest of my classmates , so maybe more di sc0sion sessions , or what one of my teachers did was a google sheets for studen ts to enter their availability and contact info to arrange study groups ." [- Tokens: 41 - Sentence-Labels: {'label': [POSITIVE (0.7313)]}]
 POSITIVE

Sentence: "Holding online office hours has helped me to understand concepts in M E 230 . During office hours , going over complex practice problems from class or homework or other challenging concepts is particularly helpful ." [- Tokens: 35 - Sentence-Labels: {'label': [POSITIVE (0.9989)]}]
 POSITIVE

Sentence: "I think all classes should have quiz sections to do practice problems ." [- Tokens: 13 - Sentence-Labels: {'label': [NEGATIVE (0.755)]}]
 NEGATIVE

Sentence: "Office hours at varied times throughout the week so that everyone can join depending on their schedules . Office hours have been a big help ." [- Tokens: 26 - Sentence-Labels: {'label': [POSITIVE (0.9982)]}]
 POSITIVE

Sentence: "Have plenty of office hours , not once a week but several" [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9988)]}]
 POSITIVE

Sentence: "Have extra office hours , have in person zoom classes with like a pre -lecture video but we still go over that material in the pre lectures" [- Tokens: 26 - Sentence-Labels: {'label': [NEGATIVE (0.7376)]}]
 NEGATIVE

Sentence: "They could hold more office hours ." [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.9918)]}]
 POSITIVE

Sentence: "Offering many opportunities to ask questions , like zoom sessions" [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9958)]}]
 POSITIVE

Sentence: "Professors should offer office hours to accommodate as many students as possible ." [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.9803)]}]
 POSITIVE

Sentence: "office hours frequently" [- Tokens: 3 - Sentence-Labels: {'label': [POSITIVE (0.9927)]}]
 POSITIVE

Sentence: "make more announcements on canvas maybe ? things are pretty good with this class in particular though ." [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.9906)]}]
 POSITIVE

Sentence: "Live Q & A sessions (office hours)" [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.9969)]}]
 POSITIVE

Sentence: "They can reach out to their students and form genuine relationships . It is very hard to take classes where professors do n't seem to know your name o r care about you as a person ." [- Tokens: 36 - Sentence-Labels: {'label': [POSITIVE (0.9973)]}]
 POSITIVE

Sentence: "They can have multiple office hours to allow as many students as possible to come ." [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9934)]}]
 POSITIVE

Sentence: "Answering emails quickly" [- Tokens: 3 - Sentence-Labels: {'label': [NEGATIVE (0.9306)]}]
 NEGATIVE

Sentence: "I would like professor to hold more office hours" [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.9843)]}]

POSITIVE

Sentence: "Just be as informative and communicative as possible . Many students have a hard time just following classes if they cant physical go to class so trying to ensure they know what is going on is essential ." [- Tokens: 38 - Sentence-Labels: {'label': [POSITIVE (0.9538)]}]

POSITIVE

Sentence: "Making extra office hours before assignments were due and for upcoming tests . I struggled a lot with the material and it really helped to talk it through and receive extra help ." [- Tokens: 33 - Sentence-Labels: {'label': [POSITIVE (0.8778)]}]

POSITIVE

Sentence: "Professors can best support me at the UW simply by providing opportunity to converse with them about class topics and areas of interest in my potential field . A willingness to communicate with individuals who are interested in a topic without being pretentious or unwittingly haughty is much appreciated ." [- Tokens: 50 - Sentence-Labels: {'label': [POSITIVE (0.99)]}]

POSITIVE

Sentence: "more office hours around class time , i.e. right after or right before class" [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.8655)]}]

POSITIVE

Sentence: "The one thing professors can do is expand office hours . While AA 210 is fine , most of my other classes have office hours that conflict with other classes , which is a bit of an issue when I 'm trying to get extra help ." [- Tokens: 47 - Sentence-Labels: {'label': [NEGATIVE (0.962)]}]

NEGATIVE

Sentence: "Considerable amount of office hours ." [- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.9944)]}]

POSITIVE

Sentence: "I think one action that professors can take to best support me in my classes is to have consistent office hours that are flexible for students ." [- Tokens: 27 - Sentence-Labels: {'label': [POSITIVE (0.9677)]}]

POSITIVE

Sentence: "Direct involvement in student 's learning . Showing up to lab , section , etc ." [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9983)]}]

POSITIVE

Sentence: "Have more office hours" [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.987)]}]

POSITIVE

Sentence: "Be available for office hours often" [- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.9839)]}]

POSITIVE

Sentence: "Have accessible office hours and do lots of examples in class ." [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9957)]}]

POSITIVE

Sentence: "Office hour" [- Tokens: 2 - Sentence-Labels: {'label': [POSITIVE (0.9941)]}]

POSITIVE

Sentence: "Variety of office hours , more time to reach out to those obviously struggling ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9912)]}]

POSITIVE

Sentence: "Give more help about HW ." [- Tokens: 6 - Sentence-Labels: {'label': [NEGATIVE (0.8754)]}]

NEGATIVE

Sentence: "To be available through office hours , emails , etc ." [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.7858)]}]

POSITIVE

Sentence: "Encourage students to collaborate and form study networks with people outside their friend circles ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9962)]}]

POSITIVE

Sentence: "Provide more office hours ." [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9342)]}]

POSITIVE

Sentence: "Evaluate their teaching methods and improve upon major consensus complaints ." [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.934)]}]

POSITIVE

Sentence: "I think it definitely will help if they provide more office hours , especially for classes that have help at CLUE ." [- Tokens: 22 - Sentence-Labels: {'label': [POSITIVE (0.9808)]}]

POSITIVE

Sentence: "Create optional study groups that take place once a week ." [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9036)]}]

POSITIVE

Sentence: "One action that my professors at UW can take to best support my education is to make themselves available and accessible to ask questions . One way to do this is to schedule office hours at a time that is convenient for the majority of students ." [- Tokens: 47 - Sentence-Labels: {'label': [POSITIVE (0.9941)]}]

POSITIVE

Sentence: "holding office hours and be available when I need help" [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9792)]}]

POSITIVE

Sentence: "Perhaps adding a section to give more explanations on the lecture materials ." [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.5489)]}]

POSITIVE

Sentence: "Accessible outside of class" [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9777)]}]

POSITIVE

Sentence: "Having office hours at various times is helpful . It 's always frustrating when the only office hours are during one of my classes , which conflicts all quarter ." [- Tokens: 30 - Sentence-Labels: {'label': [NEGATIVE (0.9695)]}]

NEGATIVE

Sentence: "Holding office hours and answering questions about current assignments in class ." [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9978)]}]

POSITIVE

Sentence: "Sometimes , I want to go to the professor 's office hour but I do not know what kinds of questions should I ask and do not know how to build up a closer relationship with the professor . One thing that professor can do is talk briefly about their research and some of their background on the first day of class . If the student is interested in his / her research , the student can go into the professor 's office hour and have a closer touch with the professor ." [- Tokens: 93 - Sentence-Labels: {'label': [POSITIVE (0.569)]}]

POSITIVE

Sentence: "Be as available as possible to help outside of the classroom" [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9356)]}]

POSITIVE

Sentence: "Responding to emails promptly ." [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9954)]}]

POSITIVE

Sentence: "Be available over email for questions regarding homework and / or study material . Office hours are helpful , but email is much quicker and effective I feel ." [- Tokens: 29 - Sentence-Labels: {'label': [NEGATIVE (0.9202)]}]

NEGATIVE

Sentence: "The professors could address common questions they get in office hours while in lecture . Or they could put up a survey to figure out when works best for them and the students for office hours ." [- Tokens: 37 - Sentence-Labels: {'label': [POSITIVE (0.9516)]}]

POSITIVE

Sentence: "Be available for help and questions , preferably in the form of office hours ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.8369)]}]

POSITIVE

Sentence: "More office hours" [- Tokens: 3 - Sentence-Labels: {'label': [POSITIVE (0.9925)]}]

POSITIVE

Sentence: "Open as many office hours as possible , able to make appointments as well ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9919)]}]

POSITIVE

Sentence: "Helping outside of lecture" [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9919)]}]

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l': [POSITIVE (0.9895)]]]
POSITIVE
Sentence: "Help the TAs make better quality quiz sections"    [- Tokens: 8 - Sen
Sentence-Labels: {'label': [POSITIVE (0.9512)]]]
POSITIVE
Sentence: "Extra review sessions that is outside of class"    [- Tokens: 8 - Sen
Sentence-Labels: {'label': [NEGATIVE (0.7634)]]]
NEGATIVE
Sentence: "Office hours are very helpful , but convenience is often a problem fo
r me . Hours right before or after a lecture / quiz section would be helpful if
it was consistently planned that way . Not a major concern , it would just help
prevent walking to campus or from a library just to get a question answered ."
[- Tokens: 60 - Sentence-Labels: {'label': [POSITIVE (0.6108)]]]
POSITIVE
Sentence: "Providing office hours ."    [- Tokens: 4 - Sentence-Labels: {'labe
l': [POSITIVE (0.9952)]]]
POSITIVE
Sentence: "Give a review before the exam that will insure students understand th
e material for the exam"    [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE
(0.9385)]]]
POSITIVE
Sentence: "Having office hour"    [- Tokens: 3 - Sentence-Labels: {'label': [POS
ITIVE (0.9952)]]]
POSITIVE
Sentence: "Lots of office hours available"    [- Tokens: 5 - Sentence-Labels:
{'label': [POSITIVE (0.9946)]]]
POSITIVE
Sentence: "Make tutorial sections more structured"    [- Tokens: 5 - Sentence-La
bels: {'label': [POSITIVE (0.9959)]]]
POSITIVE
Sentence: "Hold extra review sessions before tests that are just dedicated to an
swering student questions . I had one teacher do this for CEE 220 and it helped
prepare us a lot for the tests and understand the concepts better than the teac
her just reviewing concepts in class ."    [- Tokens: 48 - Sentence-Labels: {'la
bel': [POSITIVE (0.9955)]]]
POSITIVE
Sentence: "Hold a review session . An amazing professor that does this is Peter
Mackenzie-HeInwein for CEE220 . He sets aside more than 3 hours during a midter
m week , outside of class , to go through everyone 's questions and worries ."
[- Tokens: 42 - Sentence-Labels: {'label': [POSITIVE (0.9993)]]]
POSITIVE
Sentence: "Hold more office hours"    [- Tokens: 4 - Sentence-Labels: {'label':
[POSITIVE (0.998)]]]
POSITIVE
Sentence: "I think the best support is providing office hours that are longer th
an an hour on a certain day . That way we can go in before / after class since u
sually I have 2 hour blocks of class and if office hours fall in that time , I c
a n't go"    [- Tokens: 52 - Sentence-Labels: {'label': [POSITIVE (0.5378)]]]
POSITIVE
Sentence: "Answer my questions timely"    [- Tokens: 4 - Sentence-Labels: {'labe
l': [POSITIVE (0.9764)]]]
POSITIVE
Sentence: "I would like to see more optional review sessions that can help us ."
[- Tokens: 14 - Sentence-Labels: {'label': [NEGATIVE (0.993)]]]
NEGATIVE
Sentence: "Be more knowledgeable on the homework . I went to office hours once t
o get help on a hw problem that I did but did n't fully understand and I wanted
him to just go over the whole thing but instead he asked me which specific part
I was confused on so he could read that one part instead of reading through the
whole problem . But he should have already known what the hw was about and shou
ld have been able to fully walk me through the whole thing"    [- Tokens: 90 - S
entence-Labels: {'label': [NEGATIVE (0.9978)]]]
NEGATIVE
Sentence: "Have office hours"    [- Tokens: 3 - Sentence-Labels: {'label': [POS
ITIVE (0.9966)]]]

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POSITIVE

Sentence: "Offer an abundance of office hours ." [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.9977)]}]

POSITIVE

Sentence: "Email updates of weekly class lecture notes and agenda" [- Tokens: 9 - Sentence-Labels: {'label': [NEGATIVE (0.7752)]}]

NEGATIVE

Sentence: "Variety of office hours so that all can get help when needed" [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9958)]}]

POSITIVE

Sentence: "Taking every opportunity possible to connect individually with the students ... through office hours , etc ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9952)]}]

POSITIVE

Sentence: "Have office hours where students can speak to the professors face to face to clarify questions and work through examples ." [- Tokens: 21 - Sentence-Labels: {'label': [POSITIVE (0.9979)]}]

POSITIVE

Sentence: "Have frequency review sessions and office hours" [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.9953)]}]

POSITIVE

Sentence: "A lot of emails and messages updating and reminding everyone about assignments that are due" [- Tokens: 15 - Sentence-Labels: {'label': [NEGATIVE (0.7619)]}]

NEGATIVE

Sentence: "More office hours over zoom would be helpful" [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.5898)]}]

POSITIVE

Sentence: "Be regularly available online through the provided forms of communication , such as email , online office hours , and discussion boards (i.e. panopticon) ." [- Tokens: 27 - Sentence-Labels: {'label': [POSITIVE (0.9848)]}]

POSITIVE

Sentence: "I would appreciate if professors held more office hours during the week because emailing back and forth can be tedious ." [- Tokens: 21 - Sentence-Labels: {'label': [NEGATIVE (0.98)]}]

NEGATIVE

Sentence: "Encourage students to work together in groups ." [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.9972)]}]

POSITIVE

Sentence: "I think having more office hours would be very helpful ." [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.5142)]}]

POSITIVE

Sentence: "Holding as many office hours as possible" [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.9982)]}]

POSITIVE

Sentence: "I hope the school could offer students EE learning center ." [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.8716)]}]

POSITIVE

Sentence: "the class material pdf" [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.8923)]}]

POSITIVE

Sentence: "Make class smaller" [- Tokens: 3 - Sentence-Labels: {'label': [NEGATIVE (0.9927)]}]

NEGATIVE

Sentence: "Teach well" [- Tokens: 2 - Sentence-Labels: {'label': [POSITIVE (0.9767)]}]

POSITIVE

Sentence: "Provide quality lectures that try their best to avoid technical issues and make it easy to absorb the information ." [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.9983)]}]

POSITIVE

Sentence: "An action that can be done is recording lectures , and having the voice come clear ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9971)]}]

POSITIVE

Sentence: "I guess try to streamline material a bit more ? Honestly , I think you guys are doing everything you can . One small thing is that sometimes the camera sometimes unfocuses on the whiteboard and I can't tell what's on the board ."
 [- Tokens: 46 - Sentence-Labels: {'label': [POSITIVE (0.6317)]]]
 POSITIVE

Sentence: "more interactions during lecture time , like polls ." [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.8911)]]]
 POSITIVE

Sentence: "Polls and in-class questions (for participation) . It would be helpful to do problems in class , and then answering the poll feature in Zoom ."
 [- Tokens: 29 - Sentence-Labels: {'label': [NEGATIVE (0.9155)]]]
 NEGATIVE

Sentence: "Use more interactive lecturing , such as poll everywhere , or even just asking you to work with your neighbors on a practice problem . I find it easier to pay attention when something is asked of you , rather than sitting back and watching somebody else ." [- Tokens: 48 - Sentence-Labels: {'label': [NEGATIVE (0.9317)]]]
 NEGATIVE

Sentence: "Organized , thorough , neat handwritten notes . Also posted online ."
 [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9991)]]]
 POSITIVE

Sentence: "Have good audio for pre-recorded lectures . Have more office hours and be flexible with office hours" [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9932)]]]
 POSITIVE

Sentence: "Be familiar with canvas , zoom , or any applications while present in class . Also it's recommended to have access to good internet connection , and have good electronic lecture notes or handwritten on paper ." [- Tokens: 38 - Sentence-Labels: {'label': [POSITIVE (0.9421)]]]
 POSITIVE

Sentence: "Professors' good equipment / internet for online class ." [- Tokens: 9 - Sentence-Labels: {'label': [POSITIVE (0.9766)]]]
 POSITIVE

Sentence: "Ensure camera and mic quality . I also recommend using a tablet instead of whiteboards / paper ." [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.9957)]]]
 POSITIVE

Sentence: "Upload higher quality lectures . 240p is not acceptable ." [- Tokens: 10 - Sentence-Labels: {'label': [NEGATIVE (0.9963)]]]
 NEGATIVE

Sentence: "Good quality of connection for on-line class without having technical issue . My EE 215 professor have recorded the lecture but voice is so small ."
 [- Tokens: 26 - Sentence-Labels: {'label': [POSITIVE (0.9815)]]]
 POSITIVE

Sentence: "Discussion boards this quarter have been really helpful (cse 143 had a very active question board on ed and that was really resourceful) . Being able to ask questions and having TA's be responsible for answering them , if not other students , and they are always there for when you need to go back and review them ." [- Tokens: 62 - Sentence-Labels: {'label': [POSITIVE (0.9956)]]]
 POSITIVE

Sentence: "To make sure they have stable internet connection to prevent laggy or disconnecting from the lectures" [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.994)]]]
 POSITIVE

Sentence: "I wish they were equipped with better technology" [- Tokens: 8 - Sentence-Labels: {'label': [NEGATIVE (0.9998)]]]
 NEGATIVE

Sentence: "Use poll everywhere in lecture to make sure students are understanding concepts and following along ." [- Tokens: 16 - Sentence-Labels: {'label': [NEGATIVE (0.9565)]]]
 NEGATIVE

Sentence: "Since they are online anyways , make them more interactive through Zoom and interactive demonstrations (i.e send a Wolfram Mathematica demonstration or online demonstration)" [- Tokens: 27 - Sentence-Labels: {'label': [POSITIVE (0.8858)]]]
 POSITIVE

POSITIVE

Sentence: "Having a good quality microphone for lectures makes a big difference in online classes ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9988)]]}

POSITIVE

Sentence: "Better audio setup" [- Tokens: 3 - Sentence-Labels: {'label': [POSITIVE (0.9979)]]}

POSITIVE

Sentence: "I think we can do more polls in classes . For example , as we take some time to do in-lecture problems , do polls to know how many students can solve , still work , or get lost for this problem . I believe that would be good feedbacks to let professors know how well the students master the materials ." [- Tokens: 62 - Sentence-Labels: {'label': [NEGATIVE (0.8102)]]}

NEGATIVE

Sentence: "Discussion board to ask questions / have questions answered by TA 's or professor . I think in general asynchronous format works better for online classes , I do n't think I get much out of having a live lecture vs. having recordings & it is easier to have questions when you can ask them at any time like on a discussion board vs. asking them during a Zoom meeting ." [- Tokens: 71 - Sentence-Labels: {'label': [NEGATIVE (0.9965)]]}

NEGATIVE

Sentence: "I think it is more helpful when the professors provide clean , computer made notes or powerpoints and use those while going through lectures rather than hand writing notes as they are explaining things ." [- Tokens: 35 - Sentence-Labels: {'label': [POSITIVE (0.8516)]]}

POSITIVE

Sentence: "If she can have a subtitle for her video that would be awesome" [- Tokens: 13 - Sentence-Labels: {'label': [NEGATIVE (0.9908)]]}

NEGATIVE

Sentence: "Including video of professor speaking as well as writing notes improves my ability to pay attention ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.6416)]]}

POSITIVE

Sentence: "Do an online poll about student 's understanding of the material at the start of each class ." [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.8721)]]}

POSITIVE

Sentence: "It would be really helpful if assignments and rubrics were in PDF format , and not Microsoft Word format ." [- Tokens: 20 - Sentence-Labels: {'label': [NEGATIVE (0.9998)]]}

NEGATIVE

Sentence: "Using powerpoint slides for their lectures would be nice . Writing out the lecture on paper is sometimes hard to see from the back , and , in my opinion , is slower for me to learn the new topics ." [- Tokens: 41 - Sentence-Labels: {'label': [NEGATIVE (0.9994)]]}

NEGATIVE

Sentence: "writing on the paper for the notes which gave us time to copy" [- Tokens: 13 - Sentence-Labels: {'label': [POSITIVE (0.6734)]]}

POSITIVE

Sentence: "The doc cam is a lot better than the whiteboards as the classrooms in the ee building can make it hard to see the front . Perhaps turning the paper landscape might help instead of having to move the paper up constantly" [- Tokens: 42 - Sentence-Labels: {'label': [POSITIVE (0.992)]]}

POSITIVE

Sentence: "Presentation in Slides instead of writing during class and posting the slides before class ." [- Tokens: 15 - Sentence-Labels: {'label': [NEGATIVE (0.8829)]]}

NEGATIVE

Sentence: "Post clear lecture slides / have legible handwriting if using written slides" [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9063)]]}

POSITIVE

Sentence: "Take notes and display them to a screen as they 're written rather than reading off a lecture slide . So a chalkboard , projected sheet of paper , or tablet / laptop with stylus ." [- Tokens: 36 - Sentence-Labels: {'label': [NEGATIVE (0.6794)]]}

NEGATIVE

Sentence: "Better handwriting ; hard to follow lecture slides some times" [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.7573)]}]

POSITIVE

Sentence: "Provide consistent direction to TAs such that quiz sections are helpful and teach information ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9921)]}]

POSITIVE

Sentence: "Write down as many things as you can in your notes including things you say out loud" [- Tokens: 17 - Sentence-Labels: {'label': [NEGATIVE (0.8813)]}]

NEGATIVE

Sentence: "1) Provide interactive lectures 2) Hold multiple office hours throughout the week at reasonable , varying hours 3) Be organized and planned about what will be taught and when , so students have a clear understanding of the course expectations" [- Tokens: 43 - Sentence-Labels: {'label': [POSITIVE (0.9981)]}]

POSITIVE

Sentence: "Office hours that do n't conflict with other classes are helpful . I like when professors write on the white board too because it gives students more time to ask questions ." [- Tokens: 32 - Sentence-Labels: {'label': [POSITIVE (0.9959)]}]

POSITIVE

Sentence: "Provide practice exams for EE 235 to improve time management . I feel as if the last two midterms were really long ." [- Tokens: 23 - Sentence-Labels: {'label': [POSITIVE (0.7704)]}]

POSITIVE

Sentence: "Emotional lectures" [- Tokens: 2 - Sentence-Labels: {'label': [POSITIVE (0.9549)]}]

POSITIVE

Sentence: "Better / more hours for office hours . I usually can't make the section they set up ." [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9992)]}]

POSITIVE

Sentence: "Good slide presentations for visual learners and lectures that are WELL outlined for the quarter with supported reading notes and NOT diverting from the discussion topic for the lecture" [- Tokens: 29 - Sentence-Labels: {'label': [POSITIVE (0.7612)]}]

POSITIVE

Sentence: "Observe what material the students have learned well , and what material they have n't . Using this information , deciding what information is absolutely necessary to understand fundamental EE topics , and pursue the teaching of those topics . In other words , be efficient ." [- Tokens: 47 - Sentence-Labels: {'label': [POSITIVE (0.9989)]}]

POSITIVE

Sentence: "Have clear , focused lectures with supplementary materials such as lecture notes and practice problems available ." [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9946)]}]

POSITIVE

Sentence: "To focus on what the students need help on ." [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9844)]}]

POSITIVE

Sentence: "Paying attention to students with lower grades , and maybe try to offer solution / support in order for them to do well in this class ." [- Tokens: 27 - Sentence-Labels: {'label': [POSITIVE (0.9328)]}]

POSITIVE

Sentence: "Provide sample exams and solutions" [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9886)]}]

POSITIVE

Sentence: "Do some specific practice questions in class ." [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.9876)]}]

POSITIVE

Sentence: "Examples , being reachable" [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9979)]}]

POSITIVE

Sentence: "Hold a discussion section outside of class , or a review section before any midterm ." [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9658)]}]
 POSITIVE

Sentence: "Care about their students ." [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9964)]}]
 POSITIVE

Sentence: "Giving us " pop quizzes " that have questions that would be similar difficulty to the exams , but do n't count towards our grade . Then , go over it during class or quiz section ." [- Tokens: 37 - Sentence-Labels: {'label': [NEGATIVE (0.9441)]}]
 NEGATIVE

Sentence: "The easiest thing that my professors could do is release homework answers sooner after the due date . At least for EE 235 , the professor does not release the answers for weeks , even with imminent midterms . It would be incredibly helpful for me to be able to check my answers to homeworks relevant to the exam before the exam . I understand that some people may turn in homework late only to use the solutions , but realistically the loss of points from lateness is not fixed by having perfect homework answers ." [- Tokens: 96 - Sentence-Labels: {'label': [NEGATIVE (0.9996)]}]
 NEGATIVE

Sentence: "The examples in lectures ." [- Tokens: 5 - Sentence-Labels: {'label': [POSITIVE (0.9917)]}]
 POSITIVE

Sentence: "Using examples in explaining concepts ." [- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.9972)]}]
 POSITIVE

Sentence: "Have different resources available (extra homework problems , review sessions , practice exams , etc)" [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.7215)]}]
 POSITIVE

Sentence: "Discuss lab section a little more in lectures , so they are better correlated" [- Tokens: 14 - Sentence-Labels: {'label': [NEGATIVE (0.9392)]}]
 NEGATIVE

Sentence: "Be more approachable with broader office hours , review sessions , etc" [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.5892)]}]
 POSITIVE

Sentence: "Assign projects . Projects help me understand the coursework by seeing a concrete example ." [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9986)]}]
 POSITIVE

Sentence: "Avoid talking about things unrelated to course content ." [- Tokens: 9 - Sentence-Labels: {'label': [NEGATIVE (0.9997)]}]
 NEGATIVE

Sentence: "Providing multiple times for office hours , and extra office hours during weeks of tests ." [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9986)]}]
 POSITIVE

Sentence: "I feel like more practice problems in lectures is always helpful" [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9434)]}]
 POSITIVE

Sentence: "She gave many examples to help me to describe how the system works . She explain very details when we solve a problem ." [- Tokens: 24 - Sentence-Labels: {'label': [POSITIVE (0.9945)]}]
 POSITIVE

Sentence: "more examples instead only concepts" [- Tokens: 5 - Sentence-Labels: {'label': [NEGATIVE (0.9525)]}]
 NEGATIVE

Sentence: "Provide an appropriate workload . I think an appropriate workload means reasonable in length , testing concepts which have already been explicitly taught ." [- Tokens: 24 - Sentence-Labels: {'label': [POSITIVE (0.9982)]}]
 POSITIVE

Sentence: "Be enthusiastic about their work ." [- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.9836)]}]
 POSITIVE

Sentence: "Provide review material for exams ." [- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.7903)]}]
 POSITIVE

Sentence: "Adjust the temperature in the classroom to a comfortable degree . Illustrate knowledge as intuitive as possible" [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9995)]}]
 POSITIVE

Sentence: "Go over more examples during class instead of derivations" [- Tokens: 9 - Sentence-Labels: {'label': [NEGATIVE (0.7329)]}]
 NEGATIVE

Sentence: "Record lectures . Currently , I am out of town for a club sport and the only way for me to catch up is through lecture slides . Sometimes professors mention important details in class that are not in the slides , so a recorded lecture would be useful ." [- Tokens: 50 - Sentence-Labels: {'label': [POSITIVE (0.9916)]}]
 POSITIVE

Sentence: "Be able to answer students questions with an adequate answer . More often than not , the professor does n't understand their own material enough to explain it in an easy to understand way ." [- Tokens: 35 - Sentence-Labels: {'label': [NEGATIVE (0.9992)]}]
 NEGATIVE

Sentence: "Focus less on teaching us the math , and more on how / why it works for or electrical engineering ." [- Tokens: 20 - Sentence-Labels: {'label': [NEGATIVE (0.8892)]}]
 NEGATIVE

Sentence: "have discussion sessions and a proper TA section apart from the labs in classes like EE235" [- Tokens: 16 - Sentence-Labels: {'label': [POSITIVE (0.9796)]}]
 POSITIVE

Sentence: "Have more energy while teaching . For this reason , I really like Eldridge 's discussion sessions ." [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.9912)]}]
 POSITIVE

Sentence: "Ask and implement students' feedback on how course can be improved both during and after the quarter ." [- Tokens: 18 - Sentence-Labels: {'label': [POSITIVE (0.9632)]}]
 POSITIVE

Sentence: "Professors should take time to specifically address student questions in lecture , rather than moving on to save time ." [- Tokens: 20 - Sentence-Labels: {'label': [NEGATIVE (0.8935)]}]
 NEGATIVE

Sentence: "Ensure that everything we are required to know in the course is available on canvas in a usable form . (Prof. Bushnell 's lecture notes are excellent) If you can skip all the lectures and just read the material available on canvas and still do above average then the professor did it right . The second action would be to ensure that the assigned work is within the expectations given the course credits ." [- Tokens: 76 - Sentence-Labels: {'label': [POSITIVE (0.9902)]}]
 POSITIVE

Sentence: "Give detailed examples of topic ." [- Tokens: 6 - Sentence-Labels: {'label': [POSITIVE (0.9774)]}]
 POSITIVE

Sentence: "To give abstract examples for topics before going to examples ." [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.7825)]}]
 POSITIVE

Sentence: "Lecture with examples" [- Tokens: 3 - Sentence-Labels: {'label': [POSITIVE (0.9929)]}]
 POSITIVE

Sentence: "Be organized with teaching material / resources" [- Tokens: 7 - Sentence-Labels: {'label': [POSITIVE (0.9868)]}]
 POSITIVE

Sentence: "giving in class problems to work through" [- Tokens: 7 - Sentence-Labels: {'label': [NEGATIVE (0.9717)]}]
 NEGATIVE

Sentence: "Holding extra office hours" [- Tokens: 4 - Sentence-Labels: {'label': [POSITIVE (0.9995)]}]

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1': [POSITIVE (0.9976)]]]
POSITIVE
Sentence: "I like teachers that engage the class more and also take feedback wel
1 ." [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9887)]]]
POSITIVE
Sentence: "Give engaging lectures" [- Tokens: 3 - Sentence-Labels: {'label':
[POSITIVE (0.9969)]]]
POSITIVE
Sentence: "Caring more that we are learn the material . It helps having an excit
ing atmosphere , rather than one where tests are made impossibly difficult . Pro
fessor John Sahr is the best teacher when it comes to this ." [- Tokens: 39 -
Sentence-Labels: {'label': [POSITIVE (0.9981)]]]
POSITIVE
Sentence: "Professors can have office hours / discussion sessions or bring up th
e topic in the class where she would discuss some of the mistakes that students
make and practice some of the good questions ." [- Tokens: 35 - Sentence-Lab
els: {'label': [NEGATIVE (0.6846)]]]
NEGATIVE
Sentence: "Provide realworld context for the material we are covering and relate
how that will be useful for us in the future ." [- Tokens: 22 - Sentence-Labe
ls: {'label': [POSITIVE (0.9997)]]]
POSITIVE
Sentence: "Holding or having experienced TAs hold extra voluntary tutoring sessi
ons ." [- Tokens: 11 - Sentence-Labels: {'label': [POSITIVE (0.9888)]]]
POSITIVE
Sentence: "Often STEM classes get sidetracked by silly questions , usually eithe
r about simple math that the student really should know by now or what seems to
me as a student trying to show off how smart they are . Disregarding these inst
ead of wasting class time would be nice , it 's happened a lot to me where we 'v
e ended up rushing or I 've had to teach myself content on my own that we did
n't have time to cover because so much class time was taken up with these ."
[- Tokens: 93 - Sentence-Labels: {'label': [NEGATIVE (0.9922)]]]
NEGATIVE
Sentence: "Provide resources to use outside of class . ( Ex. uploading notes / s
lides , textbook )" [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.9
852)]]]
POSITIVE
Sentence: "Provide practice tests to help students know what to study . Be more
organized in class because it can sometimes be hard to follow an example when t
hey are jumping around from thought to thought all over the whiteboard ." [- T
okens: 40 - Sentence-Labels: {'label': [POSITIVE (0.9678)]]]
POSITIVE
Sentence: "Make lecture as interesting as possible" [- Tokens: 6 - Sentence-L
abels: {'label': [POSITIVE (0.9981)]]]
POSITIVE
Sentence: "nan" [- Tokens: 1 - Sentence-Labels: {'label': [NEGATIVE (0.675
4)]]]
NEGATIVE
Sentence: "Create an easy to follow structure for every week so we know what to
expect" [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9974)]]]
POSITIVE
Sentence: "Go through lots of examples , and when they do , explain your though
process . Do n't skip steps assuming students know you did a minipulatjon or us
ed an identity . We 're learning something new and it 's hard enough to follow w
ithout you doing something we might not pick up on immediately ." [- Tokens: 5
6 - Sentence-Labels: {'label': [POSITIVE (0.8405)]]]
POSITIVE
Sentence: "Talk about the WHY of things . Be a little bit more detailed . Talk a
bout the application side of things to spark interest . Deliver the lecture in a
more succinct manner yet covering all the usefull topics and key points . Before
teaching a concept which uses an idea that we have learnt in the past , write th
e key points from that concept so that the lecture is delivered smoothly and stu
dents can easily related to what is being taught ." [- Tokens: 84 - Sentence-
Labels: {'label': [POSITIVE (0.9912)]]]
POSITIVE

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Sentence: "They can try their best to make sure that the students who really care about their grade will be able to succeed ." [- Tokens: 23 - Sentence-Labels: {'label': [POSITIVE (0.8775)]}]
 POSITIVE

Sentence: "Organize the course where all the information is easy to access ." [- Tokens: 12 - Sentence-Labels: {'label': [POSITIVE (0.9988)]}]
 POSITIVE

Sentence: "yes" [- Tokens: 1 - Sentence-Labels: {'label': [POSITIVE (0.9918)]}]
 POSITIVE

Sentence: "My professor came into a lab to check out our lab demonstrations on a saturday night . enough said" [- Tokens: 19 - Sentence-Labels: {'label': [POSITIVE (0.9068)]}]
 POSITIVE

Sentence: "Clear understanding of what is expected of us in reports , homework , and exams . In class instruction to help specifically delineate what we should be turning for class ." [- Tokens: 31 - Sentence-Labels: {'label': [POSITIVE (0.9967)]}]
 POSITIVE

Sentence: "Give students time to absorb the material they just taught . Often professors fly through topics with no time given for the students to review and learn . Or when professors teach a new topic then give an exam on that topic in the same week . It does not give me enough time to learn ." [- Tokens: 57 - Sentence-Labels: {'label': [NEGATIVE (0.9992)]}]
 NEGATIVE

Sentence: "One thing I find the most helpful in classes is when the professor provides sample exams with in-depth solutions . I understand that those require a lot of time to make ; however , even if its just one , they are very helpful . If not exams , providing many examples throughout the course is also helpful as it helps me understand exactly what the topic is through application ." [- Tokens: 71 - Sentence-Labels: {'label': [POSITIVE (0.9952)]}]
 POSITIVE

Sentence: "Providing a weekly extra lab session for verilog coding ." [- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9963)]}]
 POSITIVE

Sentence: "Be well versed in the subject being taught , and host lots of office hours" [- Tokens: 15 - Sentence-Labels: {'label': [POSITIVE (0.9906)]}]
 POSITIVE

Sentence: "If a required topic for the class is not extensively covered in class , provide comprehensive support materials that are easy to access to supplement students learning ." [- Tokens: 28 - Sentence-Labels: {'label': [POSITIVE (0.9278)]}]
 POSITIVE

Sentence: "Be more interactive with students . Lectures are very hard to follow when words are being thrown at you without regard as to whether students understand the material ." [-Tokens: 29 - Sentence-Labels: {'label': [NEGATIVE (0.9999)]}]
 NEGATIVE

Sentence: "I think that if Dr. Wilson can spend a little more time talking about course materials relevant to the homework before they are assigned that would really benefit the students and make them feel less stressed ." [- Tokens: 37 - Sentence-Labels: {'label': [NEGATIVE (0.997)]}]
 NEGATIVE

Sentence: "Being more engaging in lecture" [- Tokens: 5 - Sentence-Labels: {'label': [NEGATIVE (0.5219)]}]
 NEGATIVE

Sentence: "Give a review section before the exam ." [- Tokens: 8 - Sentence-Labels: {'label': [POSITIVE (0.6404)]}]
 POSITIVE

Sentence: "Show examples of what we learned in a way relevant to the problems we will be asked to solve ." [- Tokens: 20 - Sentence-Labels: {'label': [POSITIVE (0.9988)]}]
 POSITIVE

Sentence: "being considerate & supportive for problems faced by students (more lenient grading)" [- Tokens: 14 - Sentence-Labels: {'label': [POSITIVE (0.9

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858)}}]
POSITIVE
Sentence: "Give more information on how to do assignments and labs before assign
ing them"    [- Tokens: 13 - Sentence-Labels: {'label': [NEGATIVE (0.8296)]}]
NEGATIVE
Sentence: "To explain a topic first and then give multiple examples to show how
they are applied ."    [- Tokens: 17 - Sentence-Labels: {'label': [POSITIVE (0.
9981)]}]
POSITIVE
Sentence: "Get better TAs . I personally had a horrible experience with the TA N
iveditha Kalavakonda , and her attitude . I do n't know how much power the profe
ssors have on choosing their TAs , but they should really"    [- Tokens: 39 - Se
ntence-Labels: {'label': [POSITIVE (0.6545)]}]
POSITIVE
Sentence: "I think before final , lecteur note , and problem was not on the canv
as .... ."    [- Tokens: 17 - Sentence-Labels: {'label': [NEGATIVE (0.9934)]}]
NEGATIVE
Sentence: "provide more verilog / lab help during lecture time . have a better u
nderstanding of how to design projects in verilog ."    [- Tokens: 22 - Sentence
-Labels: {'label': [NEGATIVE (0.849)]}]
NEGATIVE
Sentence: "Encourage more collaborative work , without penalty . This encourages
active connection with the material , without being afraid of consequences . The
labs in this class were very isolated and debugging alone is difficult ."    [- T
okens: 36 - Sentence-Labels: {'label': [POSITIVE (0.999)]}]
POSITIVE
Sentence: "One action that my professors take to best support me is by being int
eractive with the class as much as possible . I learn more the more interactive
the class is instead of being purely a lecture based class ."    [- Tokens: 40
- Sentence-Labels: {'label': [POSITIVE (0.9384)]}]
POSITIVE
Sentence: "Make wider availability of lecture Panopto recordings and notes ."
[- Tokens: 10 - Sentence-Labels: {'label': [POSITIVE (0.9901)]}]
POSITIVE
Sentence: "I would recommend reviewing the past terms' finals and midterms of th
e class they teach . By doing that , professors will see the topics that student
s struggle with the most . Hence , they use better methods in teaching the hard
topics and provide more resources for help ."    [- Tokens: 50 - Sentence-Label
s: {'label': [NEGATIVE (0.9999)]}]
NEGATIVE
Sentence: "Give as much office hours as possible and outside help"    [- Tokens:
10 - Sentence-Labels: {'label': [POSITIVE (0.9854)]}]
POSITIVE
Sentence: "Providing detailed lecture notes is extremely helpful . I often try t
o take notes in class , but the professor is presenting faster than I can write
, so I go through their published notes after class ."    [- Tokens: 38 - Sente
nce-Labels: {'label': [POSITIVE (0.9963)]}]
POSITIVE
Sentence: "giving practice exams"    [- Tokens: 3 - Sentence-Labels: {'label':
[POSITIVE (0.9491)]}]
POSITIVE
Sentence: "Make classes interactive"    [- Tokens: 3 - Sentence-Labels: {'labe
l': [POSITIVE (0.9992)]}]
POSITIVE
Sentence: "Be more clear on what they want when grading assignments ."    [- Toke
ns: 11 - Sentence-Labels: {'label': [NEGATIVE (0.9633)]}]
NEGATIVE
Sentence: "When giving assignments , clarification on exact expectations would b
e great ."    [- Tokens: 12 - Sentence-Labels: {'label': [NEGATIVE (0.7533)]}]
NEGATIVE
Sentence: "Give sample exams"    [- Tokens: 3 - Sentence-Labels: {'label': [NEGA
TIVE (0.7232)]}]
NEGATIVE
Sentence: "Being there for students outside of class , whether it 's through ema
il or office hours . When a professor is there for me and is willing to help , I

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feel that they are giving me support ." [- Tokens: 39 - Sentence-Labels: {'label': [POSITIVE (0.9938)]}]
POSITIVE
Sentence: "Make sure that the assignments and tests given in the class cover the
same material as what was taught in lecture ." [- Tokens: 22 - Sentence-Labels: {'label': [POSITIVE (0.9678)]}]
POSITIVE
```

```
In [12]: sentence = flair.data.Sentence(str(df.SA1[0]))
flair_sentiment.predict(sentence)
total_sentiment = sentence.labels
str(sentence.labels[0]).split()[0]
```

```
Out[12]: 'POSITIVE'
```

```
In [13]: new_table2 = []
for i in range(df.shape[0]):
    s2 = str(df.SA1[i])
    if str(s2):
        sentence = flair.data.Sentence(s2)
        flair_sentiment.predict(sentence)
        new_row2 = [str(sentence.labels[0]).split()[0]]
        new_table2.append(new_row2)

new_df2 = pd.DataFrame(new_table2, columns=['Sentiments'])
```

```
In [14]: result2 = pd.concat([result1, new_df2], axis=1)
result2
```

```
Out[14]:
```

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
0	2 EE233_Spring2020	Spring	2020	2	1	2018	2022	20	
1	2 EE233_Spring2020	Spring	2020	4	1	2018	2022	19	
2	2 EE235_Spring2020	Spring	2020	2	1	2018	2022	19	
3	2 EE331_Spring2020	Spring	2020	3	1	2018	2022	19	
4	2 EE233_Spring2020	Spring	2020	2	1	2018	2022	19	
...	

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
1148	1	EE271_Spring2018	Spring	2018	2	1	2016	2019	19
1149	1	EE271_Spring2018	Spring	2018	2	1	2016	2020	19
1150	1	EE271_Spring2018	Spring	2018	2	1	2016	NaN	20
1151	1	EE271_Spring2018	Spring	2018	3	1	2017	2020	18
1152	1	EE271_Spring2018	Spring	2018	4	1	2014	2018	22

1153 rows x 27 columns

```
In [15]: result3 = result2.loc[result2.B2_Gender == '2']
result3
```

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
0	2	EE233_Spring2020	Spring	2020	2	1	2018	2022	20
2	2	EE235_Spring2020	Spring	2020	2	1	2018	2022	19
4	2	EE233_Spring2020	Spring	2020	2	1	2018	2022	19
5	2	EE235_Spring2020	Spring	2020	2	1	2018	2022	20
7	2	EE332_Spring2020	Spring	2020	4	1	2018	2020	22
...

	RemoteTrad		Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
1146	1	EE271_Spring2018		Spring	2018	2	1	2016	2020	20
1147	1	EE271_Spring2018		Spring	2018	3	1	2016	2020	19
1148	1	EE271_Spring2018		Spring	2018	2	1	2016	2019	19
1149	1	EE271_Spring2018		Spring	2018	2	1	2016	2020	19
1150	1	EE271_Spring2018		Spring	2018	2	1	2016	NaN	20

840 rows × 27 columns

```
In [16]: result4 = result2.loc[result2.B2_Gender == '1']
         result4
```

	RemoteTrad		Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
1	2	EE233_Spring2020		Spring	2020	4	1	2018	2022	19
3	2	EE331_Spring2020		Spring	2020	3	1	2018	2022	19
6	2	EE331_Spring2020		Spring	2020	2	1	2018	2022	20
9	2	ME230_Spring2020		Spring	2020	2	6	2018	2022	19
13	1	ME230_Spring2018		Spring	2018	3	6	2015	2020	20
...

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
1128	1	EE271_Spring2018	Spring	2018	4	1	2015	2019	20
1131	1	EE271_Spring2018	Spring	2018	3	7	2017	2019	20
1139	1	EE271_Spring2018	Spring	2018	3	1	2015	2019	21
1151	1	EE271_Spring2018	Spring	2018	3	1	2017	2020	18
1152	1	EE271_Spring2018	Spring	2018	4	1	2014	2018	22

303 rows × 27 columns

```
In [17]: Asian = result2.loc[result2['B4.1_Race'] == '1']
Asian
```

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
1	2	EE233_Spring2020	Spring	2020	4	1	2018	2022	19
3	2	EE331_Spring2020	Spring	2020	3	1	2018	2022	19
4	2	EE233_Spring2020	Spring	2020	2	1	2018	2022	19
5	2	EE235_Spring2020	Spring	2020	2	1	2018	2022	20

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
6	2	EE331_Spring2020	Spring	2020	2	1	2018	2022	20
...
1146	1	EE271_Spring2018	Spring	2018	2	1	2016	2020	20
1147	1	EE271_Spring2018	Spring	2018	3	1	2016	2020	19
1148	1	EE271_Spring2018	Spring	2018	2	1	2016	2019	19
1150	1	EE271_Spring2018	Spring	2018	2	1	2016	NaN	20
1151	1	EE271_Spring2018	Spring	2018	3	1	2017	2020	18

485 rows × 27 columns

```
In [18]: Black = result2.loc[result2['B4.1_Race'] == '2']
         Black
```

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
60	2	EE341_Spring2020	Spring	2020	4	1	2016	2020	21
113	2	EE235_Spring2020	Spring	2020	4	1	2016	2021	22
183	2	EE331_Spring2020	Spring	2020	3	1	2019	2021	20
194	2	ME123_Spring2020	Spring	2020	4	2	2020	2020	23

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
216	2	EE271_Spring2020	Spring	2020	3	1	2017	2022	21
236	1	EE233_Winter2017	Winter	2017	3	6	2014	2018	21
260	1	ME123_Spring2018	Spring	2018	3	2	2017	2019	25
388	2	EE341_Spring2020	Spring	2020	3	1	2019	2021	20
404	2	EE332_Spring2020	Spring	2020	4	1	2016	2021	23
437	1	EE233_Winter2017	Winter	2017	1	1	2016	2019	19
474	2	EE331_Spring2020	Spring	2020	4	1	2018	2021	23
503	1	EE233_Winter2017	Winter	2017	3	1	2016	2018	21
508	1	ME230_Spring2018	Spring	2018	2	2	2016	2020	19
536	1	ME230_Spring2018	Spring	2018	4	2	2013	2020	21
714	1	AA210_Spring2018	Spring	2018	4	4	2017	2019	21
721	1	EE233_Winter2017	Winter	2017	3	1	2016	2018	36
864	1	ME123_Spring2018	Spring	2018	4	2	2017	2019	23
903	2	EE235_Spring2020	Spring	2020	5	1	2016	2021	24

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
909	2	EE331_Spring2020	Spring	2020	5	1	2016	2020	24
937	2	ME230_Spring2020	Spring	2020	3	2	2019	2022	18
948	2	ME230_Spring2020	Spring	2020	3	6	2018	2022	20
986	1	ME230_Spring2018	Spring	2018	3	2	2017	2020	21
1004	1	ME230_Spring2018	Spring	2018	2	6	2016	2020	19
1023	2	EE233_Spring2020	Spring	2020	4	1	2016	2021	22
1052	1	EE233_Winter2017	Winter	2017	3	1	2014	2018	22
1085	1	EE235_Spring2018	Spring	2018	3	1	2015	2020	21
1131	1	EE271_Spring2018	Spring	2018	3	7	2017	2019	20

27 rows × 27 columns

```
In [19]: Latino = result2.loc[result2['B4.1_Race'] == '3']
         Latino
```

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
20	2	EE331_Spring2020	Spring	2020	3	1	2017	2021	21
39	2	EE215_Spring2020	Spring	2020	3	1	2017	2022	20
58	2	EE332_Spring2020	Spring	2020	4	1	2016	2021	22

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
72	2	ME123_Spring2020	Spring	2020	1	6	2019	2023	19
144	1	ME230_Spring2018	Spring	2018	3	6	2016	2020	20
159	1	ME123_Spring2018	Spring	2018	2	2	2016	2021	20
180	2	EE235_Spring2020	Spring	2020	2	1	2018	2020	20
206	2	ME230_Spring2020	Spring	2020	3	5	2018	2022	20
248	1	ME123_Spring2018	Spring	2018	3	6	2014	2019	22
269	1	ME123_Spring2018	Spring	2018	1	2	2017	2021	19
281	1	ME230_Spring2018	Spring	2018	2	6	2016	2020	20
307	1	ME230_Spring2018	Spring	2018	2	6	2017	2020	20
322	1	ME230_Spring2018	Spring	2018	2	5	2016	2020	19
390	2	EE215_Spring2020	Spring	2020	2	1	2018	2022	20
411	2	ME123_Spring2020	Spring	2020	4	1	2018	2020	28
443	1	ME123_Spring2018	Spring	2018	3	6	2015	2019	20
465	1	ME123_Spring2018	Spring	2018	2	6	2016	2020	20

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
530	2	ME230_Spring2020	Spring	2020	1	5	2019	2022	18
605	2	EE215_Spring2020	Spring	2020	1	6	2019	2023	19
697	2	ME230_Spring2020	Spring	2020	3	2	2019	2022	19
700	2	ME230_Spring2020	Spring	2020	2	5	2018	2022	20
718	1	EE233_Winter2017	Winter	2017	3	1	2014	2018	21
735	1	EE233_Winter2017	Winter	2017	4	1	2014	2018	20
747	1	ME123_Spring2018	Spring	2018	1	2	2017	2021	19
777	1	ME230_Spring2018	Spring	2018	3	5	2016	2020	20
804	1	ME230_Spring2018	Spring	2018	4	5	2016	2020	20
821	2	EE332_Spring2020	Spring	2020	4	1	2016	2021	22
830	2	EE235_Spring2020	Spring	2020	2	1	2018	2022	20
863	1	ME123_Spring2018	Spring	2018	4	7	2017	2018	20

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
874	2	EE235_Spring2020	Spring	2020	2	1	2018	2022	19
894	2	EE215_Spring2020	Spring	2020	4	6	2016	2020	22
896	2	EE215_Spring2020	Spring	2020	2	1	2018	2022	20
1003	1	ME230_Spring2018	Spring	2018	2	2	2016	2020	20
1060	1	EE235_Spring2018	Spring	2018	4	1	2017	2019	27

34 rows × 27 columns

```
In [20]: Native_American = result2.loc[result2['B4.1_Race'] == '4']
Native_American
```

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
537	1	ME123_Spring2018	Spring	2018	3	2	2017	2019	22
888	1	EE215_Fall2016	Fall	2016	3	5	2016	2018	20

2 rows × 27 columns

```
In [21]: Pacific_Islander = result2.loc[result2['B4.1_Race'] == '5']
Pacific_Islander
```

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
227	1	AA210_Spring2018	Spring	2018	3	6	2015	2020	21

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
262	1	ME123_Spring2018	Spring	2018	3	6	2016	2020	19

2 rows × 27 columns

```
In [22]: NonHispanic_White = result2.loc[result2['B4.1_Race'] == '6']
NonHispanic_White
```

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
0	2	EE233_Spring2020	Spring	2020	2	1	2018	2022	20
8	2	EE215_Spring2020	Spring	2020	2	1	2018	2021	20
9	2	ME230_Spring2020	Spring	2020	2	6	2018	2022	19
15	1	ME230_Spring2018	Spring	2018	3	5	2015	2020	20
24	2	ME230_Spring2020	Spring	2020	2	2	2018	2022	20
...
1133	1	EE271_Spring2018	Spring	2018	3	1	2016	2020	19
1140	1	EE271_Spring2018	Spring	2018	2	1	2016	2020	18
1144	1	EE271_Spring2018	Spring	2018	4	1	2016	2020	20

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
1145	1	EE271_Spring2018	Spring	2018	3	1	2016	2020	20
1152	1	EE271_Spring2018	Spring	2018	4	1	2014	2018	22

473 rows × 27 columns

```
In [31]: Other_race = result2.loc[result2['B4.1_Race'] == '7']
         Other_race
```

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
12	1	ME123_Spring2018	Spring	2018	3	7	2015	2019	21
80	2	ME230_Spring2020	Spring	2020	2	5	2019	2020	20
103	1	ME123_Spring2018	Spring	2018	5	4	2015	2018	24
114	2	ME230_Spring2020	Spring	2020	2	6	2018	2022	21
135	1	ME230_Spring2018	Spring	2018	2	6	2016	2020	19
186	2	EE332_Spring2020	Spring	2020	3	1	2018	2021	21
214	2	ME230_Spring2020	Spring	2020	3	5	2018	2022	19
240	1	EE233_Winter2017	Winter	2017	3	1	2016	2019	20

	RemoteTrad		Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
246	1	ME123_Spring2018	Spring	2018	2	2	2017	2020	19	
305	1	ME230_Spring2018	Spring	2018	2	6	2016	2020	20	
317	1	ME230_Spring2018	Spring	2018	3	5	2016	2020	20	
327	2	ME230_Spring2020	Spring	2020	2	5	2018	2022	19	
375	1	ME123_Spring2018	Spring	2018	2	2	2016	2020	19	
430	2	EE271_Spring2020	Spring	2020	3	1	2018	2022	20	
467	2	EE331_Spring2020	Spring	2020	3	1	2017	2021	21	
505	1	ME123_Spring2018	Spring	2018	3	7	2017	2020	19	
593	2	EE271_Spring2020	Spring	2020	4	1	2017	2020	34	
621	2	EE235_Spring2020	Spring	2020	2	1	2018	2022	20	
651	2	EE351_Spring2020	Spring	2020	4	1	2018	2020	21	
716	1	AA210_Spring2018	Spring	2018	2	2	2017	2021	19	
741	1	ME123_Spring2018	Spring	2018	2	2	2016	2020	17	

	RemoteTrad	Class	Quarter	Year	A1_Status	A2_Major	A4.2	A5.2	B1_Age
746	1	ME123_Spring2018	Spring	2018	3	6	2014	2019	22
781	1	ME230_Spring2018	Spring	2018	2	2	2016	2020	19
839	1	ME123_Spring2018	Spring	2018	3	6	2016	2019	21
847	2	EE235_Spring2020	Spring	2020	2	1	2018	2020	20
956	1	AA210_Spring2018	Spring	2018	3	1	2016	2020	20
997	1	ME230_Spring2018	Spring	2018	2	2	2016	2020	17
1096	1	EE235_Spring2018	Spring	2018	3	1	2018	2019	20
1111	1	EE235_Spring2018	Spring	2018	3	1	2016	2019	20
1129	1	EE271_Spring2018	Spring	2018	3	1	2018	2019	20
1143	1	EE271_Spring2018	Spring	2018	3	1	2018	2019	22

31 rows x 27 columns

```
In [43]: mixed_race = result2.loc[result2['B4.1_Race'] == '8','9', '10','11','12','13']
mixed_race

-----
IndexingError                                Traceback (most recent call last)
<ipython-input-43-c9f38061a249> in <module>
----> 1 mixed_race = result2.loc[result2['B4.1_Race'] == '8','9', '10','11','12'
, '13']
      2 mixed_race
```

```

/opt/anaconda3/lib/python3.8/site-packages/pandas/core/indexing.py in __getitem__
_(self, key)
    887             # AttributeError for IntervalTree get_value
    888             return self.obj._get_value(*key, takeable=self._take
able)
--> 889             return self._getitem_tuple(key)
    890         else:
    891             # we by definition only have the 0th axis

/opt/anaconda3/lib/python3.8/site-packages/pandas/core/indexing.py in _getitem_t
uple(self, tup)
    1061
    1062         # no multi-index, so validate all of the indexers
-> 1063         self._has_valid_tuple(tup)
    1064
    1065         # ugly hack for GH #836

/opt/anaconda3/lib/python3.8/site-packages/pandas/core/indexing.py in _has_valid
_tuple(self, key)
    718         Check the key for valid keys across my indexer.
    719         """
--> 720         self._validate_key_length(key)
    721         for i, k in enumerate(key):
    722             try:

/opt/anaconda3/lib/python3.8/site-packages/pandas/core/indexing.py in _validate_
key_length(self, key)
    759         def _validate_key_length(self, key: Sequence[Any]) -> None:
    760             if len(key) > self.ndim:
--> 761                 raise IndexingError("Too many indexers")
    762
    763         def _getitem_tuple_same_dim(self, tup: Tuple):

IndexingError: Too many indexers

```

```

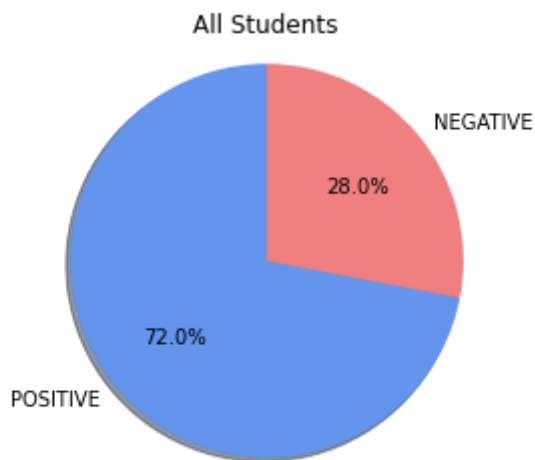
In [58]: import matplotlib.pyplot as plt

# Pie chart, where the slices will be ordered and plotted counter-clockwise:
labels = result2.Sentiments.unique()
sizes = result2.Sentiments.value_counts()

fig1, ax1 = plt.subplots()
ax1.pie(sizes, labels=labels, autopct='%1.1f%%', colors=['cornflowerblue', 'lightcoral'])
ax1.axis('equal') # Equal aspect ratio ensures that pie is drawn as a circle.
plt.title('All Students')

plt.show()

```

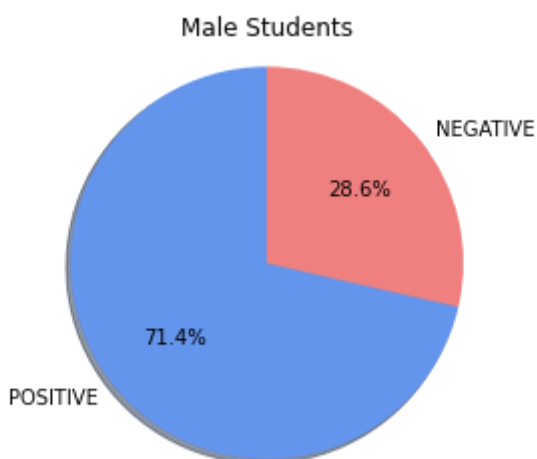


```
In [59]: import matplotlib.pyplot as plt

# Pie chart, where the slices will be ordered and plotted counter-clockwise:
labels = result3.Sentiments.unique()
sizes = result3.Sentiments.value_counts()

fig1, ax1 = plt.subplots()
ax1.pie(sizes, labels=labels, autopct='%1.1f%%', colors=['cornflowerblue', 'lightcoral'])
ax1.axis('equal') # Equal aspect ratio ensures that pie is drawn as a circle.
plt.title('Male Students')

plt.show()
```

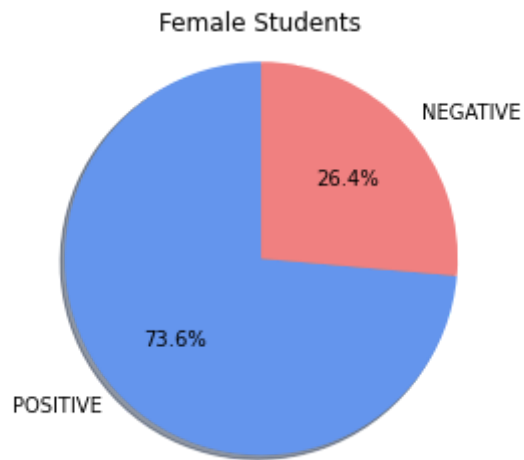


```
In [60]: import matplotlib.pyplot as plt

# Pie chart, where the slices will be ordered and plotted counter-clockwise:
labels = result4.Sentiments.unique()
sizes = result4.Sentiments.value_counts()

fig1, ax1 = plt.subplots()
ax1.pie(sizes, labels=labels, autopct='%1.1f%%', colors=['cornflowerblue', 'lightcoral'])
ax1.axis('equal') # Equal aspect ratio ensures that pie is drawn as a circle.
plt.title('Female Students')

plt.show()
```

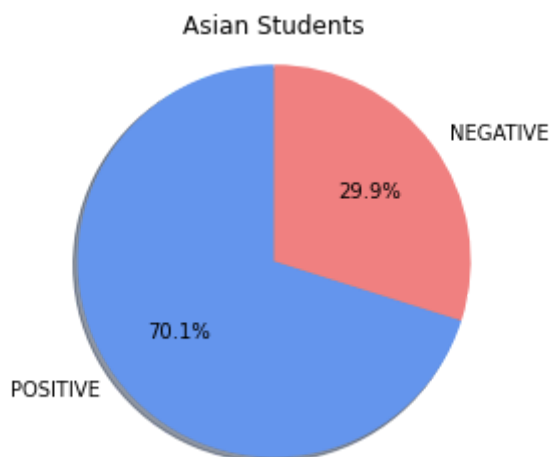


```
In [61]: import matplotlib.pyplot as plt

# Pie chart, where the slices will be ordered and plotted counter-clockwise:
labels = Asian.Sentiments.unique()
sizes = Asian.Sentiments.value_counts()

fig1, ax1 = plt.subplots()
ax1.pie(sizes, labels=labels, autopct='%1.1f%%', colors=['cornflowerblue', 'lightcoral'])
ax1.axis('equal') # Equal aspect ratio ensures that pie is drawn as a circle.
plt.title('Asian Students')

plt.show()
```

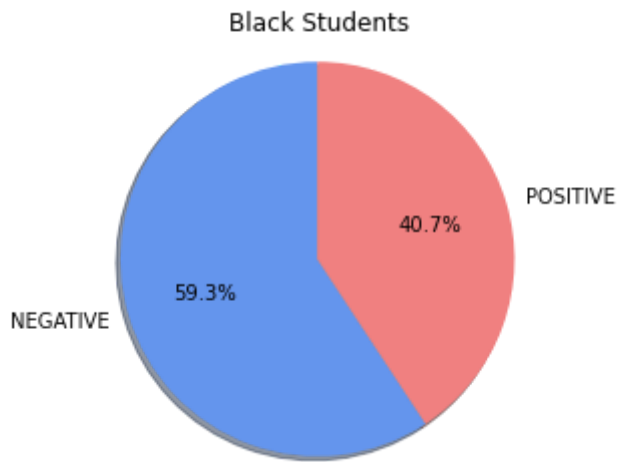


```
In [62]: import matplotlib.pyplot as plt

# Pie chart, where the slices will be ordered and plotted counter-clockwise:
labels = Black.Sentiments.unique()
sizes = Black.Sentiments.value_counts()

fig1, ax1 = plt.subplots()
ax1.pie(sizes, labels=labels, autopct='%1.1f%%', colors=['cornflowerblue', 'lightcoral'])
ax1.axis('equal') # Equal aspect ratio ensures that pie is drawn as a circle.
plt.title('Black Students')

plt.show()
```

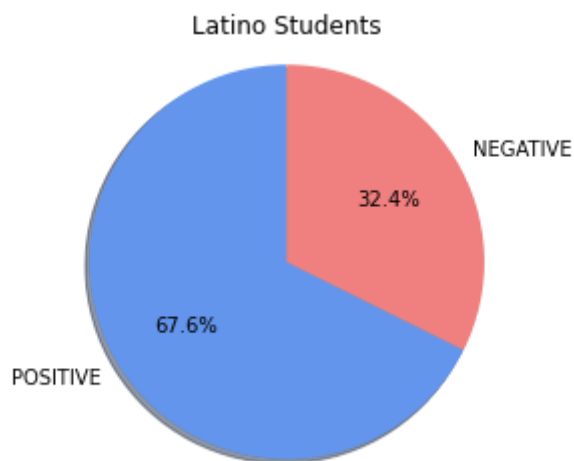


```
In [63]: import matplotlib.pyplot as plt

# Pie chart, where the slices will be ordered and plotted counter-clockwise:
labels = Latino.Sentiments.unique()
sizes = Latino.Sentiments.value_counts()

fig1, ax1 = plt.subplots()
ax1.pie(sizes, labels=labels, autopct='%1.1f%%', colors=['cornflowerblue', 'lightcoral'])
ax1.axis('equal') # Equal aspect ratio ensures that pie is drawn as a circle.
plt.title('Latino Students')

plt.show()
```

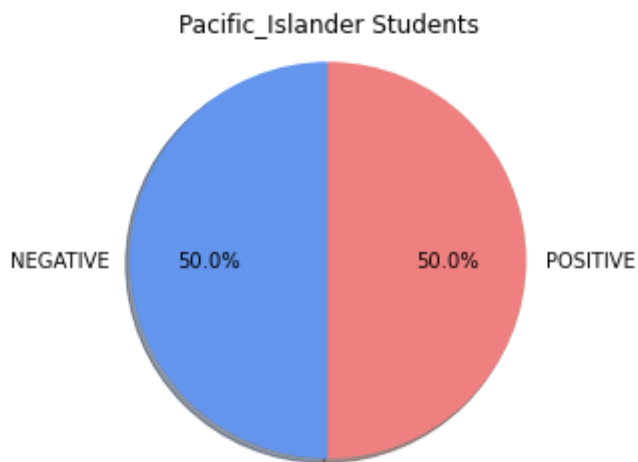


```
In [64]: import matplotlib.pyplot as plt

# Pie chart, where the slices will be ordered and plotted counter-clockwise:
labels = Pacific_Islander.Sentiments.unique()
sizes = Pacific_Islander.Sentiments.value_counts()

fig1, ax1 = plt.subplots()
ax1.pie(sizes, labels=labels, autopct='%1.1f%%', colors=['cornflowerblue', 'lightcoral'])
ax1.axis('equal') # Equal aspect ratio ensures that pie is drawn as a circle.
plt.title('Pacific_Islander Students')

plt.show()
```

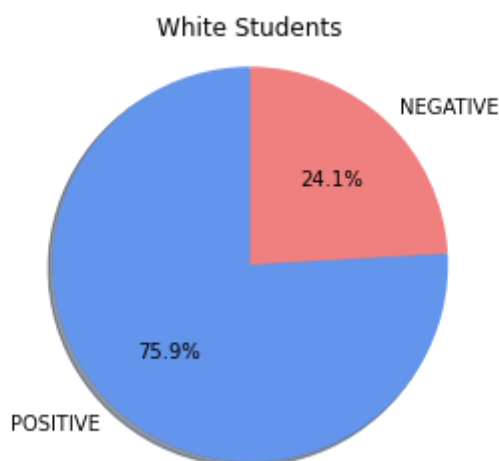


```
In [65]: import matplotlib.pyplot as plt

# Pie chart, where the slices will be ordered and plotted counter-clockwise:
labels = NonHispanic_White.Sentiments.unique()
sizes = NonHispanic_White.Sentiments.value_counts()

fig1, ax1 = plt.subplots()
ax1.pie(sizes, labels=labels, autopct='%1.1f%%', colors=['cornflowerblue', 'lightcoral'])
ax1.axis('equal') # Equal aspect ratio ensures that pie is drawn as a circle.
plt.title('White Students')

plt.show()
```

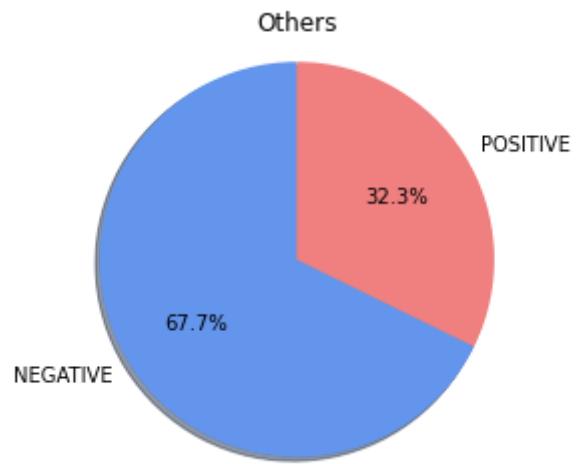


```
In [66]: import matplotlib.pyplot as plt

# Pie chart, where the slices will be ordered and plotted counter-clockwise:
labels = Other_race.Sentiments.unique()
sizes = Other_race.Sentiments.value_counts()

fig1, ax1 = plt.subplots()
ax1.pie(sizes, labels=labels, autopct='%1.1f%%', colors=['cornflowerblue', 'lightcoral'])
ax1.axis('equal') # Equal aspect ratio ensures that pie is drawn as a circle.
plt.title('Others')

plt.show()
```

Reference:<https://medium.com/@b.terryjack/nlp-pre-trained-sentiment-analysis-1eb52a9d742c>