

Data Appendix

Cleaned Data:

- Unit of Observation: Student Review

Variable	Description	Response Type
Source	Whether the review came from <i>theCourseForum</i> or SET	Character
Comments	The students' review of the course.	Character
Compound Score	Sum of the valence scores for positive, negative, and neutral scores, normalized between -1 to 1. -1 indicates an overall negative score and 1 indicates an overall positive score	Numeric
Positive Score	How positive the review was considered from a scale of 0-1	Numeric
Neutral Score	How neutral the review was considered from a scale of 0-1	Numeric
Negative Score	How negative the review was considered from a scale of 0-1	Numeric
Extremity	The absolute value of the compound score, represents how extreme the language of the review is on a scale of 0-1	Numeric

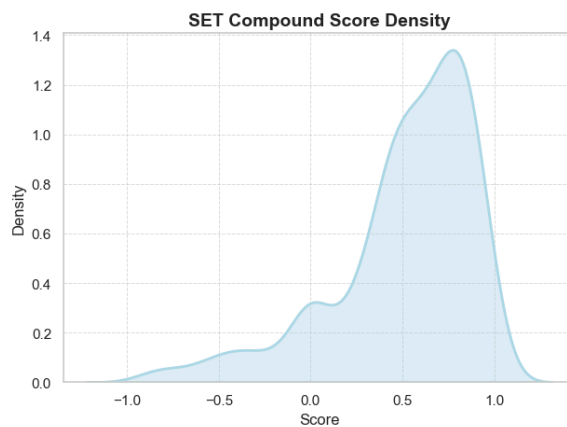
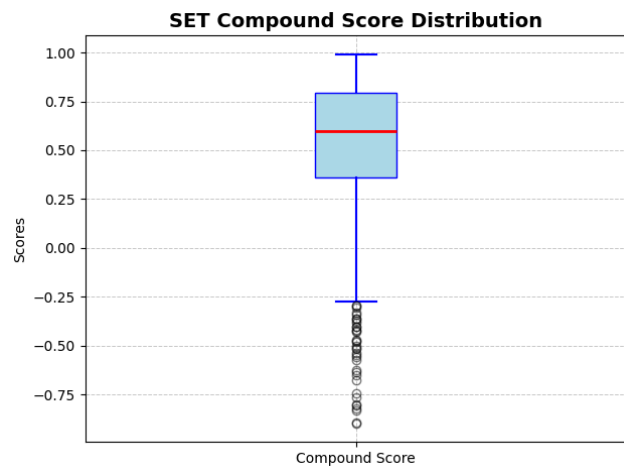
SET Data Analysis

Unit of observation: a comment response

Comment

Word	Count
“great”	77
“good”	69
“interesting”	44
“hard”	34
“helpful”	29
“difficult”	28
“major”	21
“Overall”	20
“real”	20
“first”	20

```
count      614.000000
mean         0.507220
std          0.384798
min         -0.898100
25%          0.361200
50%          0.597400
75%          0.795400
max          0.991800
Name: Compound Score, dtype: float64
```



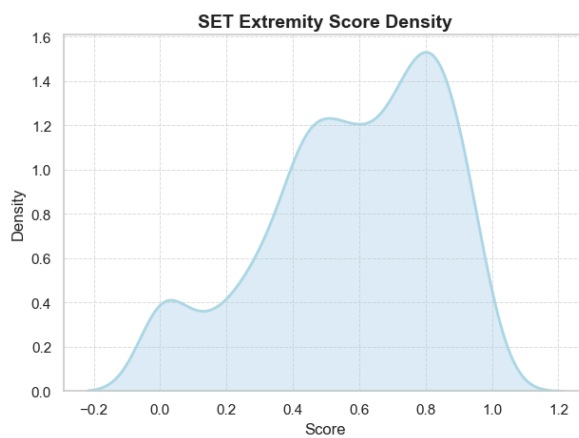
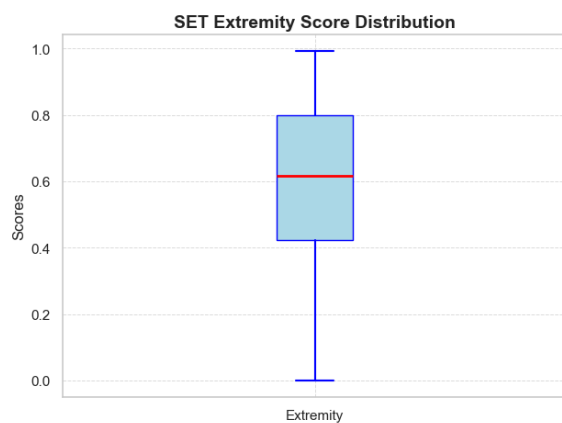
Positive Score

Neutral Score

Negative Score

Extremity Score

```
count    614.000000
mean      0.579742
std       0.262892
min       0.000000
25%       0.421500
50%       0.616200
75%       0.799800
max       0.991800
Name: Extremity, dtype: float64
```



tCF Data Analysis

Unit of observation: a review

Comment

theCourseForum Reviews Most Frequent Adjectives



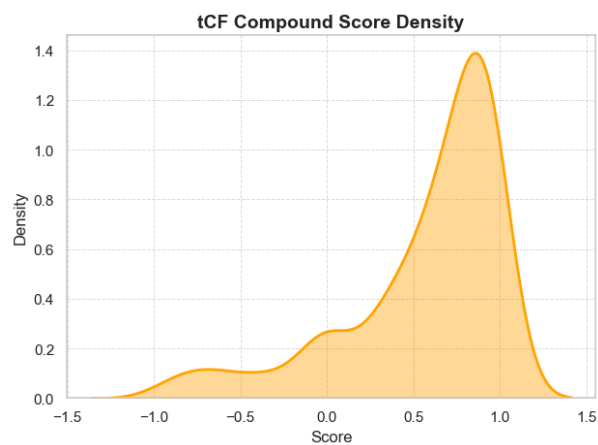
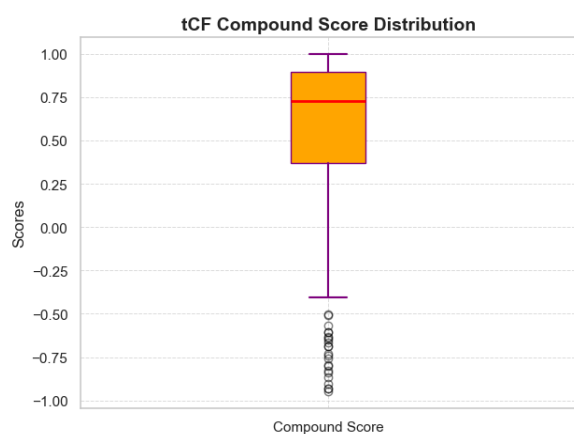
Top 10 Most Used Adjectives in tCF Data

Word	Count
“final”	145
“good”	106
“great”	88
“hard”	81
“easy”	70
“interesting”	65
“difficult”	55
“sure”	44
“much”	34
“first”	32

Compound Score

```
count    408.000000
mean      0.560070
std       0.462090
min      -0.946800
25%       0.370875
50%       0.729550
75%       0.896675
```

```
max      0.997200
Name: Compound Score, dtype: float64
```



Positive Score

Neutral Score

Negative Score

Extremity Score

```
count      408.000000
mean        0.667439
std         0.285320
min         0.000000
25%         0.492300
50%         0.750650
75%         0.898825
max         0.997200
Name: Extremity, dtype: float64
```

