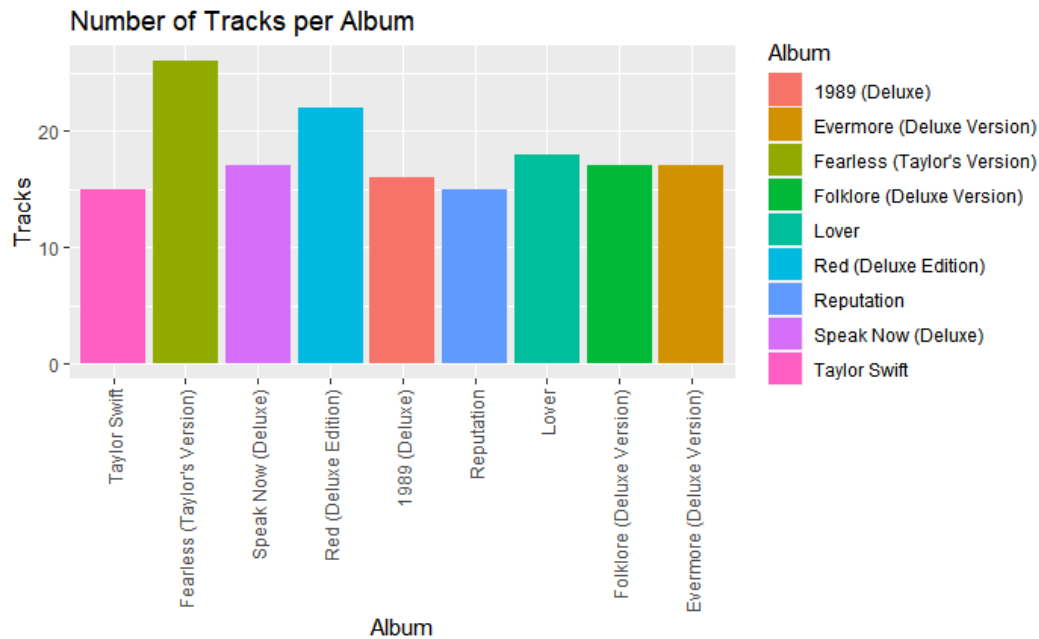


## Output

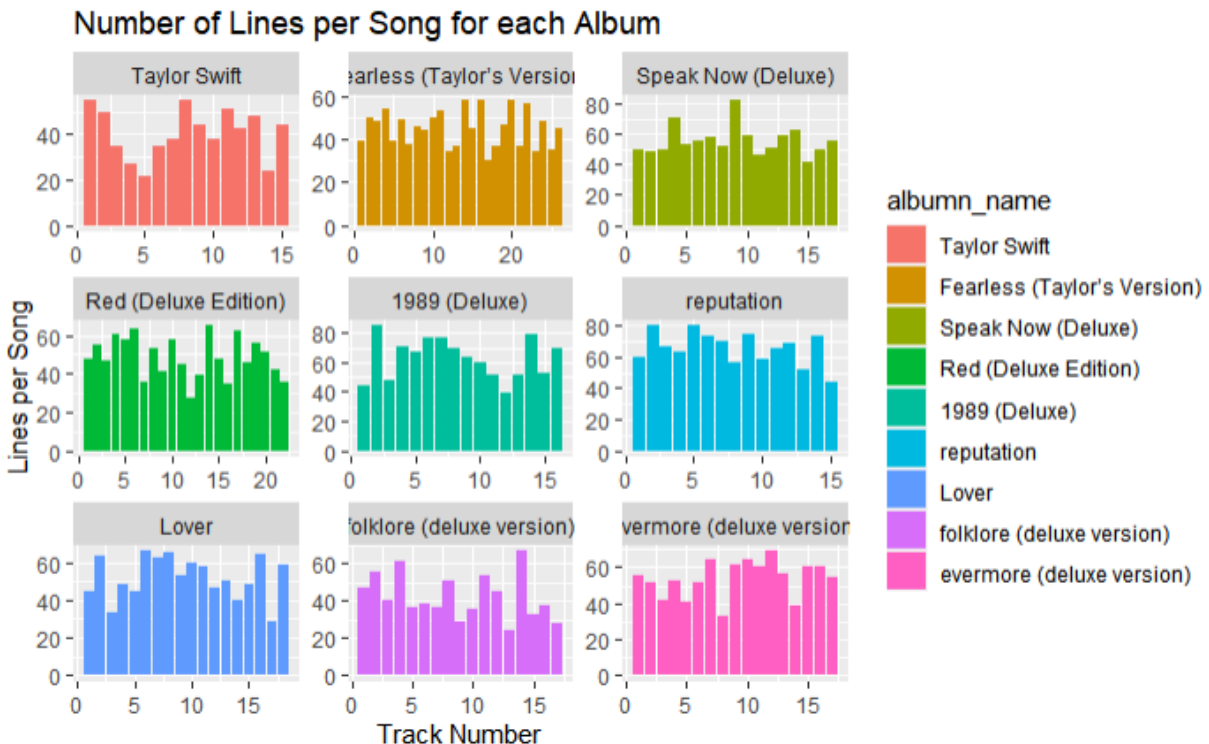
**Figure 1.**

A histogram illustrating the number of tracks per album.



**Figure 2.**

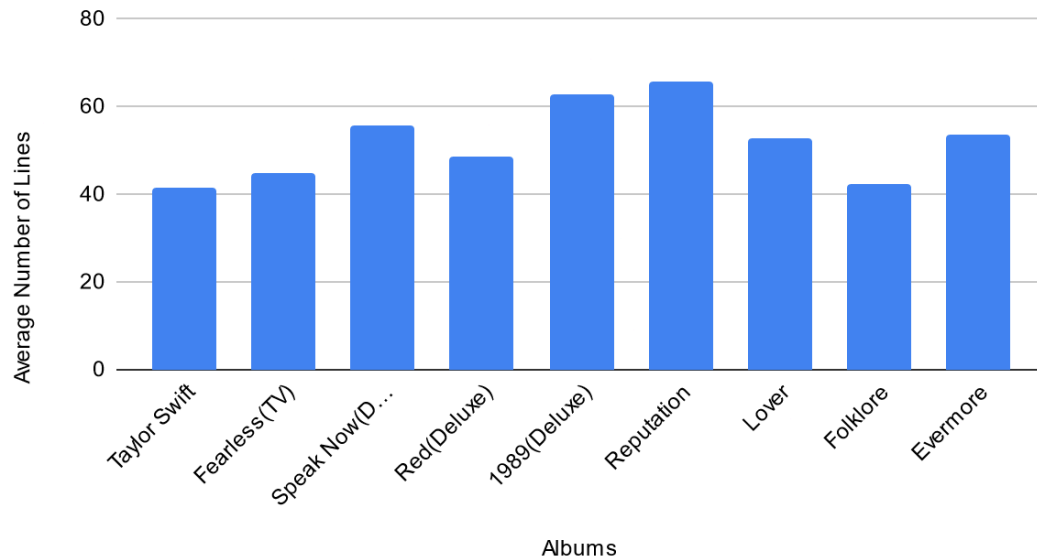
A histogram for each album illustrating the number of lines for each track.



**Figure 3.**

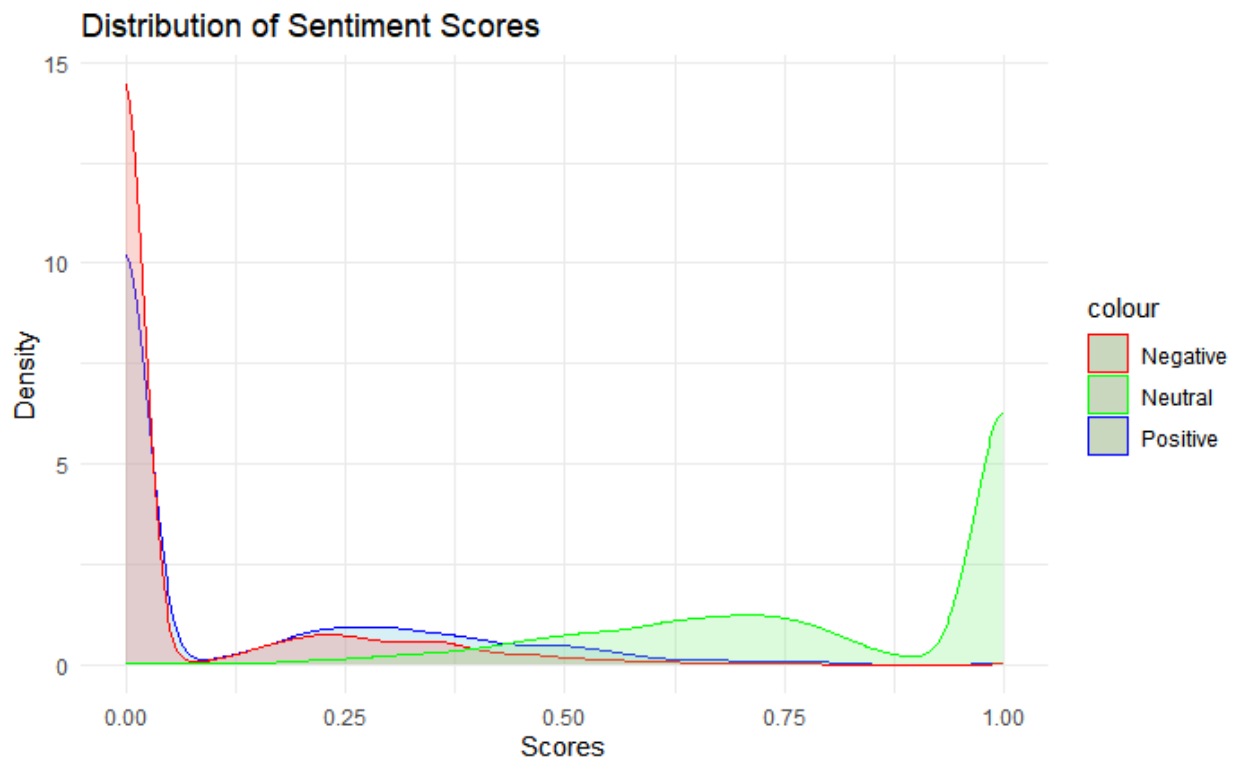
A histogram displaying the average number of lines seen across songs in each album.

**Average Number of Lines in Each Album**



**Figure 4.**

A density curve illustrating the distribution of positive, negative, and neutral sentiment scores across all lines of each song in the nine albums we are analyzing.



**Figure 5.**

A table showing summary statistics for the final dataset.

albumn_name	track_title	track_number	lyric	line	negative	neutral	positive	overall
Fearless (Taylor's Version):1170	Length:8358	Min. : 1.000	Length:8358	Min. : 1.00	Min. :0.00000	Min. :0.0000	Min. :0.0000	Length:8358
Red (Deluxe Edition) :1072	Class :character	1st Qu.: 5.000	Class :character	1st Qu.:13.00	1st Qu.:0.00000	1st Qu.:0.6490	1st Qu.:0.0000	Class :character
1989 (Deluxe) :1006	Mode :character	Median : 9.000	Mode :character	Median :26.00	Median :0.00000	Median :1.0000	Median :0.0000	Mode :character
reputation : 988	NA	Mean : 9.627	NA	Mean :27.78	Mean :0.06828	Mean :0.8146	Mean :0.1171	NA
Speak Now (Deluxe) : 945	NA	3rd Qu.:14.000	NA	3rd Qu.:40.00	3rd Qu.:0.00000	3rd Qu.:1.0000	3rd Qu.:0.2380	NA
Lover : 934	NA	Max. :26.000	NA	Max. :85.00	Max. :1.00000	Max. :1.0000	Max. :1.0000	NA
(Other) :2243	NA	NA	NA	NA	NA	NA	NA	NA

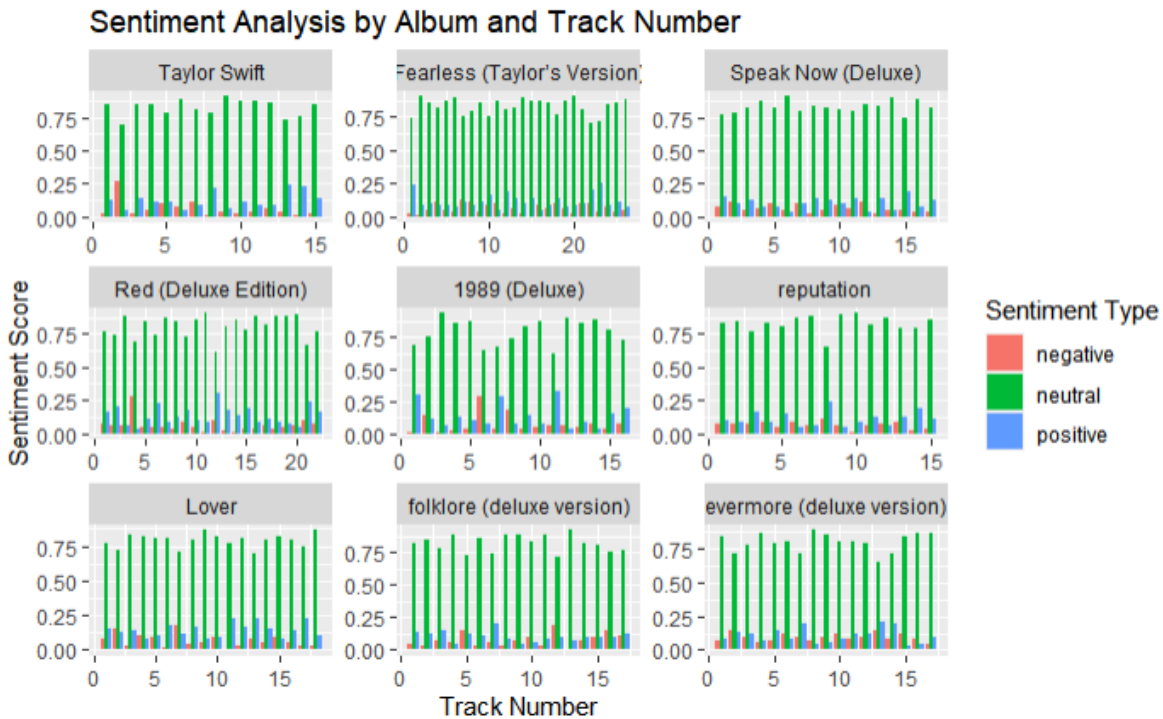
**Figure 6.**

A table displaying the average positive, negative, and neutral sentiment scores for each album.

Average Sentiment Scores per Album			
Album	Average Positive Score	Average Negative Score	Average Neutral Score
Taylor Swift	0.1212365	0.0562693	0.8224926
Fearless (Taylor's Version)	0.1098658	0.0583701	0.8317658
Speak Now (Deluxe)	0.1010751	0.0609132	0.8380138
Red (Deluxe Edition)	0.1297090	0.0617966	0.8085037
1989 (Deluxe)	0.1343002	0.0777127	0.7879891
reputation	0.1080506	0.0612540	0.8306984
Lover	0.1402270	0.0694668	0.7903094
folklore (deluxe version)	0.1006011	0.0756122	0.8237853
evermore (deluxe version)	0.1058761	0.0945000	0.7996305

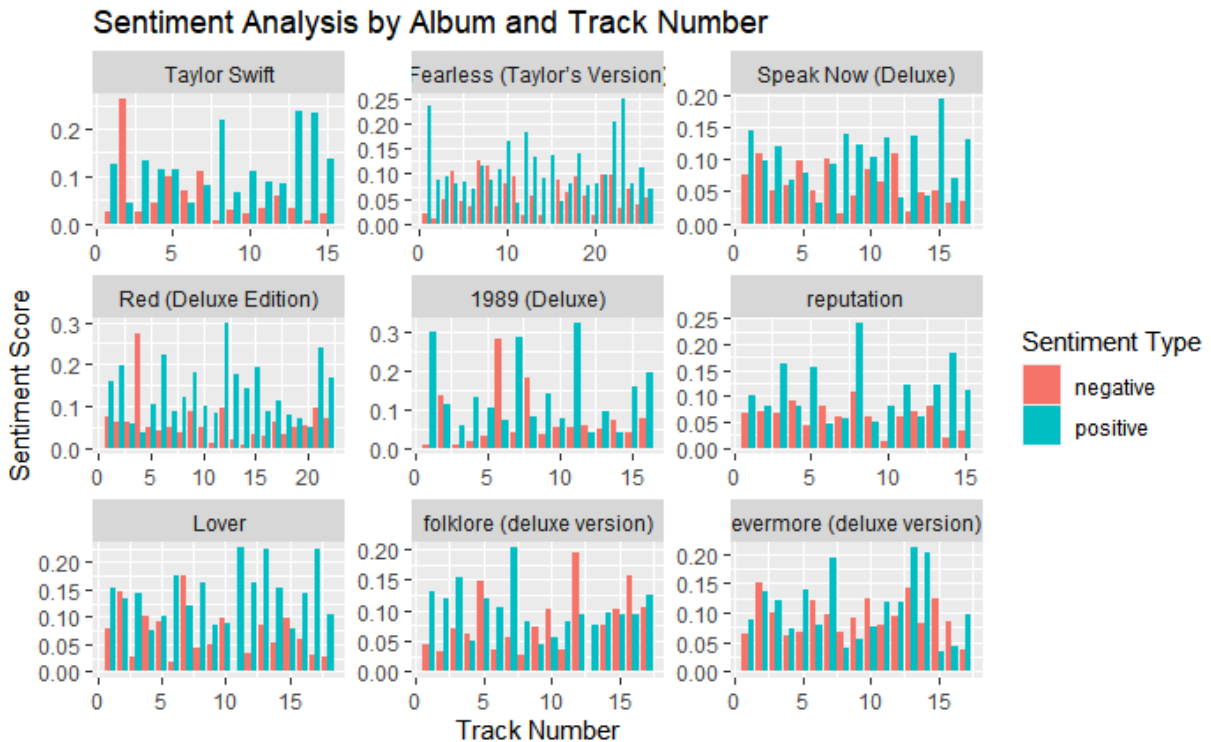
**Figure 7.**

Graphs displaying the sentiment scores for each track in each album.



**Figure 8.**

Graphs displaying only the positive and negative sentiment scores for each track in each album.



**Figure 9.**

Graph displaying the average sentiment score by album.

