












Tasks

|  Status | Aa Task name |  Assign |  Due |
|--|---|--|---|
| Not Started | <u>Establishing a grading system for the amount of shares</u> | | @April 1, 2023 |
| Not Started | <u>Describing the data</u> | | @April 1, 2023 |
| Not Started | <u>Data cleaning</u> | | @April 1, 2023 |
| Not Started | <u>Remove unnecessary columns</u> | | @April 1, 2023 |
| Not Started | <u>Count plot for the grading system</u> | | @April 2, 2023 |
| Not Started | <u>Pair plot, finding relationship between keywords and shares</u> | | @April 2, 2023 |
| Not Started | <u>Pair plot, finding relationship between positive words, negative words, and shares</u> | | @April 2, 2023 |
| Not Started | <u>Implot, to draw a scatter plot onto a FacetGrid for the polarity of positive and negative words with shares.</u> | | @April 2, 2023 |
| Not Started | <u>Scatter plot for the polarity of positive and negative words with shares</u> | | @April 3, 2023 |
| Not Started | <u>Scatter plot for the title sentiment polarity and shares</u> | | @April 3, 2023 |
| Not Started | <u>Relationship plot for the title subjectivity and shares</u> | | @April 3, 2023 |
| Not Started | <u>Scatter plot for the self reference shares and the number of shares.</u> | | @April 3, 2023 |
| Not Started | <u>Pair plot for the self reference shares and the number of shares.</u> | | @April 4, 2023 |
| Not Started | <u>Pair plot for the LDA and the number of shares.</u> | | @April 4, 2023 |

|  Status | Aa Task name |  Assign |  Due |
|--|--|--|---|
| Not Started | <u>Count plot for the number of shares in different weekdays.</u> | | @April 4, 2023 |
| Not Started | <u>Cat plot (frequencies of the categories), for the number of shares and weekdays.</u> | | @April 4, 2023 |
| Not Started | <u>Pair plot for average token length, number of keywords, global subjectivity, global sentiment polarity, and the number of shares.</u> | | @April 5, 2023 |
| Not Started | <u>Category plot for data channels</u> | | @April 5, 2023 |
| Not Started | <u>Category plot for data channels and number of shares</u> | | @April 5, 2023 |
| Not Started | <u>Box plot for the popularity and number of images for each data channel</u> | | @April 5, 2023 |
| Not Started | <u>Scatter plot for number of tokens and popularity.</u> | | @April 6, 2023 |
| Not Started | <u>Scatter plot for number of tokens in title and the number of shares.</u> | | @April 6, 2023 |
| Not Started | <u>Scatter plot for number of unique tokens and the number of shares.</u> | | @April 6, 2023 |
| Not Started | <u>Scatter plot for number of references and number of shares</u> | | @April 6, 2023 |
| Not Started | <u>Implot for the number of images and shares</u> | | @April 7, 2023 |
| Not Started | <u>Implot for the number of videos and shares</u> | | @April 7, 2023 |
| Not Started | <u>Scatter plot for average token length and shares</u> | | @April 7, 2023 |
| Not Started | <u>Scatter plot for number of keywords and shares</u> | | @April 7, 2023 |
| Not Started | <u>Scatter plot for self reference average shares and number of shares</u> | | @April 8, 2023 |
| Not Started | <u>Implot for self reference avg shares and number of shares</u> | | @April 8, 2023 |

|  Status | Aa Task name |  Assign |  Due |
|--|--|--|---|
| Not Started | <u>Check if we have normal distribution for shares</u> | | @April 8, 2023 |
| Not Started | <u>Feature extraction and selection</u> | | @April 8, 2023 |
| Not Started | <u>How to improve the popularity of an article?</u> | | @April 9, 2023 |