**Data Source**:

UCI Machine Learning Repository

**Web-link**:

http://archive.ics.uci.edu/ml/datasets/Online+News+Popularity

**Abstract**:

This dataset summarizes a heterogeneous set of features about articles published by Mashable in a period of two years. The goal is to predict the number of shares in social networks (popularity)

**Attribute Information**:

Number of Attributes: 61 (58 predictive attributes, 2 non-predictive, 1 goal field)

**Variable Description**:

0. url: URL of the article (non-predictive)

1. timedelta: Days between the article publication and the dataset acquisition (non-predictive)

2. n\_tokens\_title: Number of words in the title

3. n\_tokens\_content: Number of words in the content

4. n\_unique\_tokens: Rate of unique words in the content

5. n\_non\_stop\_words: Rate of non-stop words in the content

6. n\_non\_stop\_unique\_tokens: Rate of unique non-stop words in the content

7. num\_hrefs: Number of links

8. num\_self\_hrefs: Number of links to other articles published by Mashable

9. num\_imgs: Number of images

10. num\_videos: Number of videos

11. average\_token\_length: Average length of the words in the content

12. num\_keywords: Number of keywords in the metadata

13. data\_channel\_is\_lifestyle: Is data channel 'Lifestyle'?

14. data\_channel\_is\_entertainment: Is data channel 'Entertainment'?

15. data\_channel\_is\_bus: Is data channel 'Business'?

16. data\_channel\_is\_socmed: Is data channel 'Social Media'?

17. data\_channel\_is\_tech: Is data channel 'Tech'?

18. data\_channel\_is\_world: Is data channel 'World'?

19. kw\_min\_min: Worst keyword (min. shares)

20. kw\_max\_min: Worst keyword (max. shares)

21. kw\_avg\_min: Worst keyword (avg. shares)

22. kw\_min\_max: Best keyword (min. shares)

23. kw\_max\_max: Best keyword (max. shares)

24. kw\_avg\_max: Best keyword (avg. shares)

25. kw\_min\_avg: Avg. keyword (min. shares)

26. kw\_max\_avg: Avg. keyword (max. shares)

27. kw\_avg\_avg: Avg. keyword (avg. shares)

28. self\_reference\_min\_shares: Min. shares of referenced articles in Mashable

29. self\_reference\_max\_shares: Max. shares of referenced articles in Mashable

30. self\_reference\_avg\_sharess: Avg. shares of referenced articles in Mashable

31. weekday\_is\_monday: Was the article published on a Monday?

32. weekday\_is\_tuesday: Was the article published on a Tuesday?

33. weekday\_is\_wednesday: Was the article published on a Wednesday?

34. weekday\_is\_thursday: Was the article published on a Thursday?

35. weekday\_is\_friday: Was the article published on a Friday?

36. weekday\_is\_saturday: Was the article published on a Saturday?

37. weekday\_is\_sunday: Was the article published on a Sunday?

38. is\_weekend: Was the article published on the weekend?

39. LDA\_00: Closeness to LDA topic 0

40. LDA\_01: Closeness to LDA topic 1

41. LDA\_02: Closeness to LDA topic 2

42. LDA\_03: Closeness to LDA topic 3

43. LDA\_04: Closeness to LDA topic 4

44. global\_subjectivity: Text subjectivity

45. global\_sentiment\_polarity: Text sentiment polarity

46. global\_rate\_positive\_words: Rate of positive words in the content

47. global\_rate\_negative\_words: Rate of negative words in the content

48. rate\_positive\_words: Rate of positive words among non-neutral tokens

49. rate\_negative\_words: Rate of negative words among non-neutral tokens

50. avg\_positive\_polarity: Avg. polarity of positive words

51. min\_positive\_polarity: Min. polarity of positive words

52. max\_positive\_polarity: Max. polarity of positive words

53. avg\_negative\_polarity: Avg. polarity of negative words

54. min\_negative\_polarity: Min. polarity of negative words

55. max\_negative\_polarity: Max. polarity of negative words

56. title\_subjectivity: Title subjectivity

57. title\_sentiment\_polarity: Title polarity

58. abs\_title\_subjectivity: Absolute subjectivity level

59. abs\_title\_sentiment\_polarity: Absolute polarity level

60. shares: Number of shares (target)