Assignment 8

Source: http://jmcauley.ucsd.edu/data/amazon/
Dataset: Tools and Home Improvement
Reviews: 134,476
Access LDA output on
http://bl.ocks.org/sdb418/raw/446b23e74d5db6eb7b179aab4a7271f1/#topic=0&lambda=0.5&term=undefined

Topic 1: At relevance setting 0.5
http://bl.ocks.org/sdb418/raw/446b23e74d5db6eb7b179aab4a7271f1/#topic=1&lambda=0.5&term=

In this topic the term "blade" is the most relevant. By hovering the over the term "blade" the topics 1, 2 & 9 have the word "blade" mentioned in it.
By looking at the most relevant words we can say that this topic talks about "table based blade cutting, sanding tool and dusting to make fence"

Topic 2: At relevance setting 0.8
http://bl.ocks.org/sdb418/raw/446b23e74d5db6eb7b179aab4a7271f1/#topic=2&lambda=0.8&term=

In this topic the terms "tools" is the most relevant. By hovering the over this term the topics 2,1,9 & 4 have the word "tools" mentioned in it the most.
By looking at the most relevant words we can say that this topic talks about "good quality blade for a knife"

Topic 3: At relevance setting 0.61
http://bl.ocks.org/sdb418/raw/446b23e74d5db6eb7b179aab4a7271f1/#topic=3&lambda=0.61&term=

In this topic the terms "light" is the most relevant. By hovering the over this term the topics 3,6 & 9 have the word "light" mentioned in it the most.
By looking at the most relevant words we can say that this topic talks about "flashlight and batteries required to have a bright light in terms of lumens"

Topic 4: At relevance setting 1
http://bl.ocks.org/sdb418/raw/446b23e74d5db6eb7b179aab4a7271f1/#topic=4&lambda=1&term=

In this topic the terms "great" is the most relevant. By hovering the over this term all the topics have the word "great" mentioned in it.

By looking at the most relevant words we can say that this topic talks about “great and easy way to nail on a wall using ladder”

Topic 5: At relevance setting 0.5
http://bl.ocks.org/sdb418/raw/446b23e74d5db6eb7b179aab4a7271f1/#topic=5&lambda=0.5&term=

In this topic the terms “switch” is the most relevant. By hovering the over this term the topics 5,6,3 &1 have the word “switch” mentioned in it the most.
By looking at the most relevant words we can say that this topic talks about “switch for a plug and thermostat to control temperature”

Topic 6: At relevance setting 0.71
http://bl.ocks.org/sdb418/raw/446b23e74d5db6eb7b179aab4a7271f1/#topic=6&lambda=0.7&term=

In this topic the terms “light” is the most relevant. By hovering the over this term the topics 3,6 & 9 have the word “light” mentioned in it the most.
By looking at the most relevant words we can say that this topic talks about “bright led light bulbs”

Topic 7: At relevance setting 0.86
http://bl.ocks.org/sdb418/raw/446b23e74d5db6eb7b179aab4a7271f1/#topic=7&lambda=0.86&term=

In this topic the terms “good” is the most relevant. By hovering the over this term all the topics have the word “good” mentioned in it.
By looking at the most relevant words we can say that this topic talks about “good way to work with paint is with gloves for clean job”

Topic 8: At relevance setting 0.36
http://bl.ocks.org/sdb418/raw/446b23e74d5db6eb7b179aab4a7271f1/#topic=8&lambda=0.36&term=

In this topic the terms “door” is the most relevant. By hovering the over this term the topics 8,4 & 6 have the word “door” mentioned in it the most.
By looking at the most relevant words we can say that this topic talks about “smoke detector and alarm alert for locking the door”

Topic 9: At relevance setting 0.78
http://bl.ocks.org/sdb418/raw/446b23e74d5db6eb7b179aab4a7271f1/#topic=9&lambda=0.78&term=

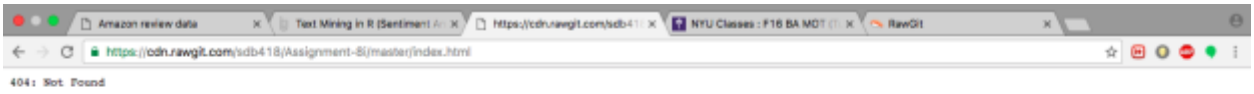
In this topic the terms “drill” is the most relevant. By hovering the over this term the topics 9,1 & 4 have the word “drill” mentioned in it the most.
By looking at the most relevant words we can say that this topic talks about “charging battery powered bosch drills and drill bits”

Topic 10: At relevance setting 0.78
http://bl.ocks.org/sdb418/raw/446b23e74d5db6eb7b179aab4a7271f1/#topic=10&lambda=0.78&term

In this topic the terms “water” is the most relevant. By hovering the over this term the topics 10, 7 & 3 have the word “water” mentioned in it the most.
By looking at the most relevant words we can say that this topic talks about “water, shower, toilet, sink; in general bathroom fittings”

I made use of Xampp server to make show my output but can’t make it public as I have to buy the server.

When I am trying to share my files on GitHub its showing me 404 error.


Amazon review data
Text Mining in R (Sentiment A
https://cdn.rawgit.com/sdb41
NYU Classes : F16 BA MDT (1
RawGit
https://cdn.rawgit.com/sdb418/Assignment-8/master/index.html
404: Not Found