

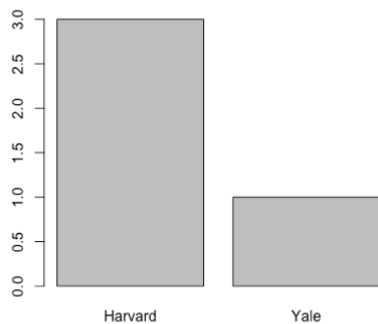
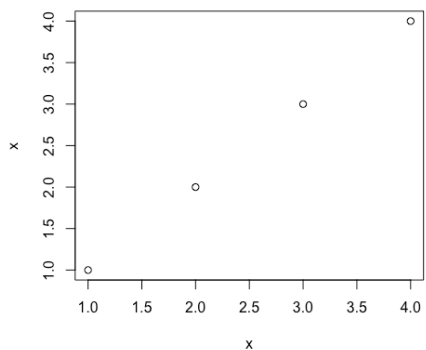
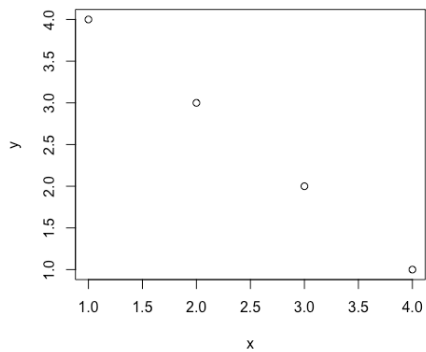
## FILES IDE – SNIPPET

The screenshot displays the RStudio IDE interface. The main editor window shows an R script with the following content:

```
1 # Individually you can use
2 # install.packages('packageName') such as below:
3 install.packages('ggplot2')
4
5 # or
6 install.packages('pacman')
7 pacman::p_load(caret, clue, cluster, dplyr, e1071, echarts4r, fst, ggalt,
8 ggplot2, ggthemes, ggwordcloud, glmnet, hunspell, kmed, lda, LDavis, leaflet, lexicon,
9 lsa, mapproj, maps, mgsb, MLmetrics, pbapply, pdfutils, plotrix, plyr, pROC, qdap,
10 radar, rbokeh, RColorBrewer, readxl, reshape2, RTextTools, rvest, skmeans,
11 spelling, stringi, stringr, text2vec, tidytext, tm, treemap, viridisLite, vtreat,
12 wordcloud, wordcloud2, yardstick)
13
14 # Additionally we will need this package from a different repo;
15 # try this first, but it may timeout since their server is old/slow?
16 install.packages("http://datacube.wu.ac.at/src/contrib/openNLPmodels.en_1.5-1.tar.gz",
17 repos=NULL,
18 type="source")
19
20 # alternatively, you can download the `openNLPmodels.en_1.5-1.tar.gz` file from
21 # https://datacube.wu.ac.at/src/contrib/ then use the following code to install it
22 # from a local file; be sure to change the path to your own download location
23 install.packages("~/Downloads/openNLPmodels.en_1.5-1.tar.gz", repos = NULL, type =
24 "source")
```

The environment pane on the right shows the Global Environment, which is currently empty. The file explorer on the right shows the directory structure of the project, including files like .gitignore, Case, example.csv, example.jpg, Hult\_NLP\_Course\_Syllabus.docx, hult\_NLP\_student.Rproj, HW, Lessons, and README.md. The console at the bottom shows the R prompt and the current working directory: R 4.1.2 · ~/Desktop/Text Analytics and NLP/Text-Mining-NLP/Lessons/class1/data/.

## A\_Basic\_Test\_Drive - Outputs



Environment

History

Connections

Git

Tutorial

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🔑

Import Dataset

811 MiB

List

R

Global Environment

Data

dataDF

3 obs. of 4 variables

newDF

3 obs. of 4 variables

Values

a

19

b

9

collapsedStrings

"She is a friend. she is a coworker people"

emily

"She is a friend."

harvard

TRUE

i

10L

j

6L

libby

"she is a coworker"

other

"people"

otherValue

TRUE

princeton

FALSE

someValue

1

ted

Factor w/ 1 level "MALE": 1

vec1

chr [1:4] "Harvard" "Harvard" "Yale" "Harva...

vectorA

num [1:3] 1 2 3

vectorB

logi [1:3] TRUE TRUE FALSE

vectorC

chr [1:3] "She is a friend." "she is a cowo...

x

6

y

num [1:4] 4 3 2 1

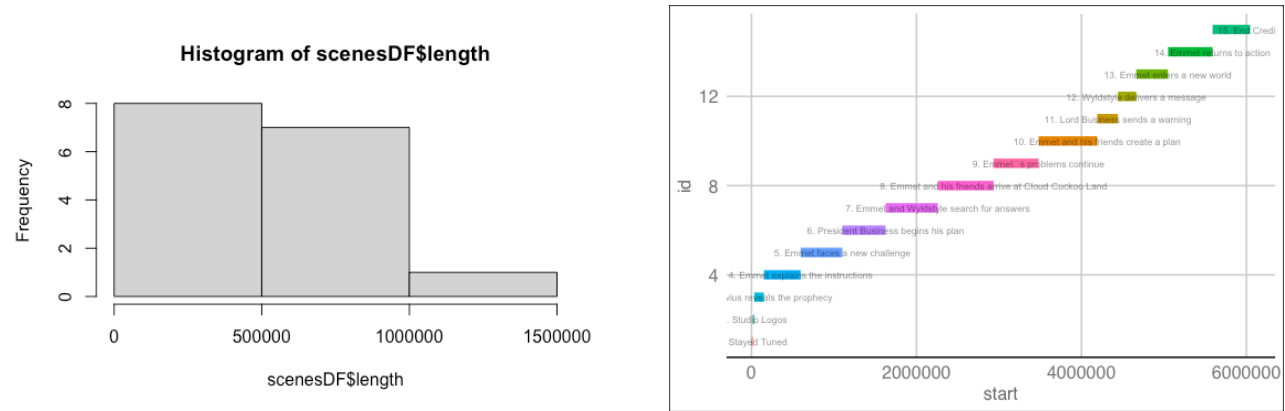
yale

FALSE

z

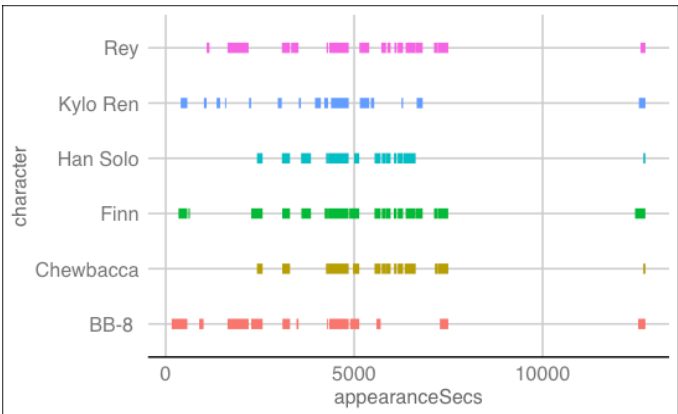
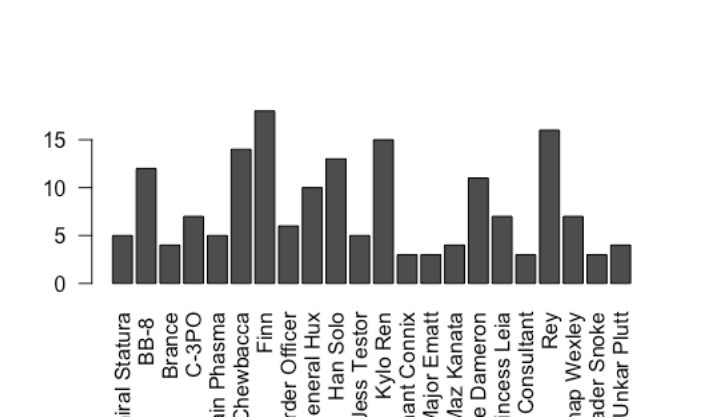
4

B\_Amazon\_Xray - Outputs

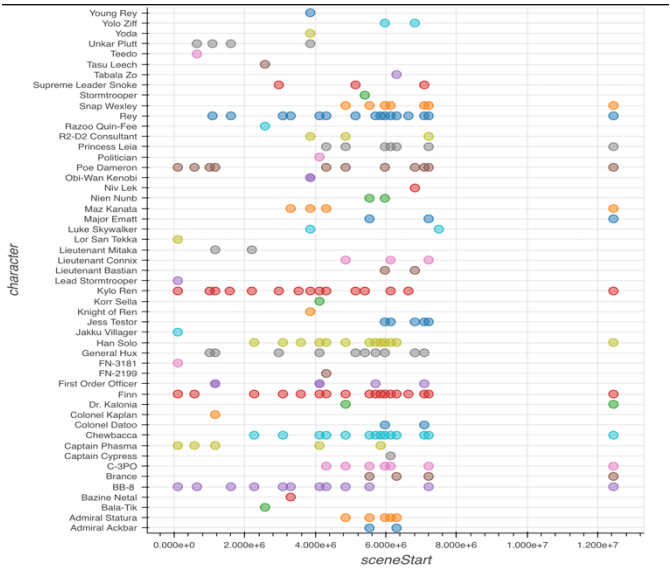


Environment	History	Connections	Git	Tutorial
R   Global Environment				
Data				
scenesDF		16 obs. of 5 variables		
Values				
maximumLength		16L		

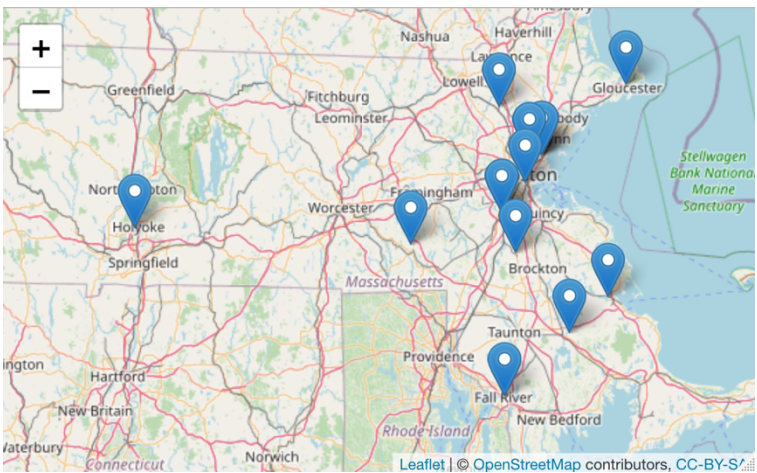
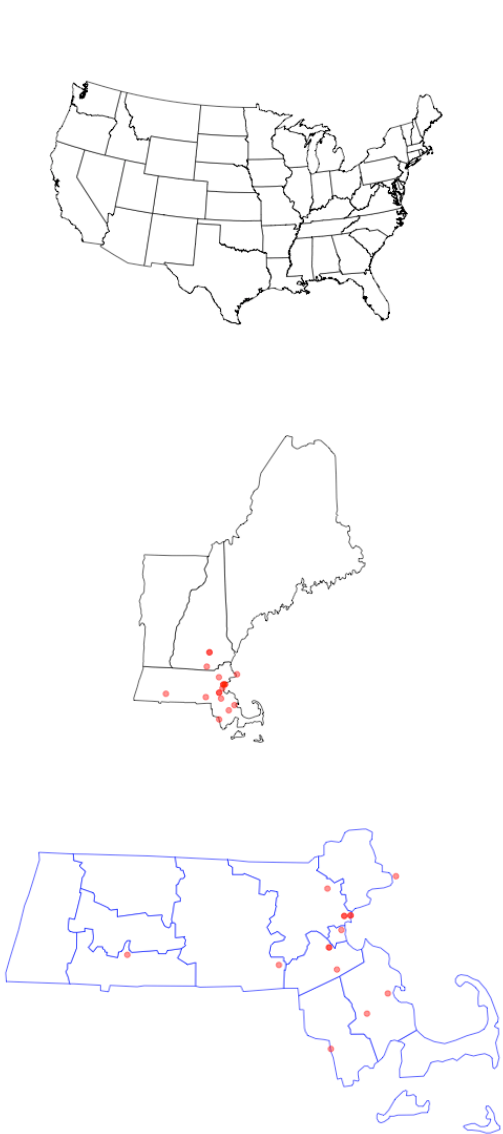
C\_Amazon\_Xray - Outputs



Environment	History	Connections	Git	Tutorial
Import Dataset	860 MIB			
R	Global Environment			
Data				
charDF	213 obs. of 8 variables			
charTally	int [1:22, 1] 5 12 4 7 5 14 18 6 10 13 ...			
p	List of 8			
topChars	88 obs. of 8 variables			
Values				
n	6			
topPerformers	Named int [1:6] 18 16 15 14 13 12			

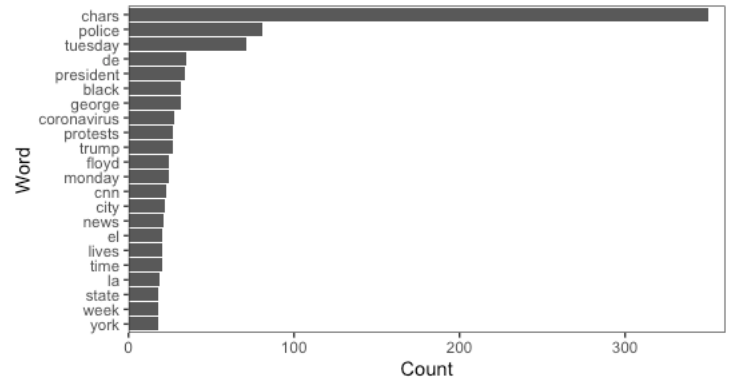
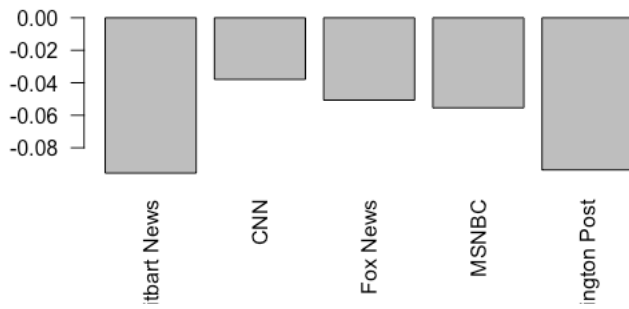


D\_mapping\_inR - Outputs



Environment	History	Connections	Git	Tutorial
R ▾   Global Environment ▾   881 MiB ▾   Import Dataset ▾   List ▾				
Data				
amzn	2071 obs. of 25 variables			
counties	87949 obs. of 6 variables			
gg	List of 9			
ggMA	List of 9			
ggNE	List of 9			
ma	286 obs. of 6 variables			
MAcounty	743 obs. of 6 variables			
mplot	List of 8			
ne	939 obs. of 6 variables			
NEwarehouses	18 obs. of 25 variables			
onlyMA	15 obs. of 25 variables			
us	15537 obs. of 6 variables			

## E\_Taste\_of\_TM - Outputs



Environment

History

Connections

Git

Tutorial

Import Dataset

954 MiB

List

R

Global Environment

Search

Data

freq	22 obs. of 2 variables	
pol	List of 2	
txt	500 obs. of 9 variables	