

Chance the Rapper - Coloring Book Wordcloud

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Outline

Install and Load Libraries

Scan in Text Document

Unpack the Words

Remove Stop Words

Obtain Word Frequency

Generate Wordcloud

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Install and Load Libraries

► `library(dplyr)`

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▶ `library(tidytext)`

▶ `library(wordcloud)`

▶ `library(tm)`

▶ `library(stringr)`

Scan in Text Document

```
chance_cb<-scan('chance_coloringbook.txt',what=character())  
head(chance_cb)
```

```
## [1] "All We Got "
```

```
## [2] "And we back"
```

```
## [3] "And we back, and we back, and we back, and we back,
```

```
## [4] "And we back, and we back, na, na, na"
```

```
## [5] "This ain't no intro, this the entree"
```

```
## [6] "Hit that intro with Kanye and sound like Andr"
```


Unpack the Words

```
chance_cb<-data_frame(line=1:1038, text=chance_cb)
chance_words<-chance_cb%>%
  unnest_tokens(word, text)
```

Remove Stop Words

```
chance_words<-chance_words%>%  
  filter(!(word %in% stop_words$word))  
print(chance_words,n=5)
```

```
## # A tibble: 2,478 x 2  
##   line  word  
##   <int> <chr>  
## 1     4    na  
## 2     4    na  
## 3     4    na  
## 4     5 intro  
## 5     5 entree  
## # ... with 2,473 more rows
```

Obtain Word Frequency

```
chance_word_freq<-chance_words%>%  
  group_by(word)%>%  
  summarize(count=n())  
print(chance_word_freq,n=2)
```

```
## # A tibble: 1,127 x 2  
##   word count  
##   <chr> <int>  
## 1      0      2  
## 2      1      2  
## # ... with 1,125 more rows
```

Generate Wordcloud

```
#wordcloud(chance_word_freq£word,  
#chance_word_freq£count, min.freq=5)
```

#Note: Displaying compiled Wordcloud in next slide so

#figure displays properly on screen

Generate Wordcloud

