

The focus of this notebook will be to try to identify which other musicians (from the ones c

```
from lyricsgenius import Genius
```

```
## inside the token string copy the token that was generated. You might want to erase it afterwards so
```

We will start by trying to get 2 songs by Kings of Convenience to make sure this library is working the way we expect it to. I will be

```
Done.  
Searching for "Know How" by Kings of Convenience...  
Done.
```

somehow i didnt notice\nfriendship is an end\nwhat do you know\nit happened again\nhow come no one to

something different than the lyrics (instead of the lyrics you will get a really long block of text, the length of the text is usually the hint, so you see a long block of text double check and compare it with the real lyrics).

Done.  
Searching for "Kissing the Lipless" by The Shins...  
Done.

```
Decemberists = artist_names(artist, songs)
```

Searching for "We All Die Young" by The Decemberists...

```
Searching for "Weekend Wars" by MGMT...
Done.
Searching for "Yes We Can Stop Them" by MGMT...
```

```
Searching for "Bambina" by Vampire Weekend...
Done.
Searching for "Sunflower" by Vampire Weekend
```

```

Done.
Searching for "The Past Is A Grotesque Animal" by of Montreal...
Done.

```

```
Searching for "You Wouldn't Like Me" by Tegan and Sara...
Done.
```

Done.  
Searching for "Young and Beautiful" by Lana Del Rey...  
Done

```
df['album'] = albums[0]
df['artist'] = artists[0]
for i in range(1, len(d_lst)):
```

<b>Comb My Hair</b>	ive got nothing to say to you/nive got to look...	Kings of Convenience
<b>I'd Rather Dance With You</b>	id rather dance with you than talk with you/ns...	Kings of Convenience

```
def length_song(lyrics):
    x = [word for word in lyrics.split()]
```

<b>Blue Jeans</b>	blue jeans white shirt\nwalked into the room y...	Lana Del Rey	384
<b>Ride</b>	oohooohooohoo oohooohoo\nnoohooohooohoo oohooohoo...	Lana Del Rey	274

Artist	Number of Publications
Feist	10
Kings of Convenience	8

```
df['polarity'] = df['lyrics'].apply(pos)
df['subjectivity'] = df['lyrics'].apply(sub)
```

Young and Beautiful	I've seen the world done it all/nhad my cake no...	Lana Del Rey	306	0.447806	0.712226
Blue Jeans	blue jeans white shirt/mashed into the seam...	Lana Del Rey	284	0.080408	0.532084

Artist	Number of Publications
Belle and Sebastian	10
MGMT	5

Pair	Score
Belle and Sebastian	10
Tegan and Sara	9

Therefore, I create a new column called `words` in our dataframe that splits the lyrics of each song into a list of words.

	lyrics	text	words	polarity	subjectivity	words
<b>Microwed</b>	if you want to be my friend\you want us	Kings of	132	0.044444	0.844444	[friend, us, along, please,

Ride	oohoochoochoo oohoochoo/noochoochoochoo oohoochoo...	Lana Del Rey	274	-0.098948	0.524544	[oohoochoo, oohoochoo, open, road, fulltime, d...
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range of conveniences	(picture, wall, john, please, express, map) hospin
Lana Del Rey	(picture, wall, john, deere, jenny, handed, be...

```
from collections import Counter
```

Lana Del Rey	[picture, wait, join, deer, jenny, nanosec, be...	{love': 31, 'baby': 30, 'summertime': 24, 'sa...
MGMT	[feeling, rough, feeling, raw, prime, life, le...	{'together': 66, 'change': 19, 'feel': 18, 'st...



