

Billboard's Top 100 Songs 1965-2015

By Erin Canada

Music for 50 +Years

- Billboard started in 1936 with the first music popularity chart made in 1940!
- HOT 100 (what I analyzed) < - 1958

FOR WEEK ENDING MARCH 26, 1983

Billboard

Hot 100

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WEEK	WEEKS ON CHART	TITLE—Artist (Producer) Writer, Label & Number (Distributing Label)	WEEKS AT #1	WEEKS ON CHART	TITLE—Artist (Producer) Writer, Label & Number (Distributing Label)	WEEKS ON CHART	WEEKS ON CHART	TITLE—Artist (Producer) Writer, Label & Number (Distributing Label)	WEEKS ON CHART	WEEKS ON CHART	TITLE—Artist (Producer) Writer, Label & Number (Distributing Label)	WEEKS ON CHART	WEEKS ON CHART	TITLE—Artist (Producer) Writer, Label & Number (Distributing Label)	WEEKS ON CHART	WEEKS ON CHART	TITLE—Artist (Producer) Writer, Label & Number (Distributing Label)	WEEKS ON CHART	WEEKS ON CHART	TITLE—Artist (Producer) Writer, Label & Number (Distributing Label)	WEEKS ON CHART	WEEKS ON CHART	TITLE—Artist (Producer) Writer, Label & Number (Distributing Label)
★	1	10	★	33	30	11	67	5	★	73	4	★	79	3	★	76	3	★	80	2	★	74	3
★	3	17	★	51	3	3	★	73	★	73	4	★	79	3	★	76	3	★	80	2	★	74	3
★	4	14	★	36	31	9	★	41	★	41	8	★	76	3	★	76	3	★	80	2	★	74	3
★	6	11	★	41	8	8	★	38	★	38	9	★	76	3	★	76	3	★	80	2	★	74	3
★	5	16	★	44	7	7	★	40	★	40	8	★	76	3	★	76	3	★	80	2	★	74	3
★	7	9	★	42	42	8	★	42	★	42	8	★	76	3	★	76	3	★	80	2	★	74	3
★	10	7	★	42	42	8	★	42	★	42	8	★	76	3	★	76	3	★	80	2	★	74	3
★	8	8	★	42	42	8	★	42	★	42	8	★	76	3	★	76	3	★	80	2	★	74	3

BILLIE JEAN—Michael Jackson
(Quincy Jones, M. Jackson; Epic 34-83589) **WBM**

DO YOU REALLY WANT TO HURT ME—Culture Club
(Steve Levent, B. May, J. Moss, M. Craig, G. O'Dewit; Virgin/Epic 34-03353) **CHA/HL**

HUNGRY LIKE THE WOLF—Suzanne Bursan
(Carmel Thornton, Susan Duran; Capitol 5595) **CHA/HL**

YOU ARE—Lionel Richie
(Lionel Richie, James Bethune Carmichael, L. Richie, B. Harvey Richie; MCA 1837) **CLM**

BACK ON THE CHAIN GANG—The Pretenders
(Chris Thomas, C. Hynde, Sire 7-25849 (Warner Bros.)) **WBM**

WE'VE GOT TONIGHT—Johnny Rogers and Shelia Easton
(D. Foster, K. Rogers, B. Seger; Liberty 1452) **WBM**

MR. ROBOTO—Shyni
(Shyni, D. DeYoung; A&M 2525) **CPP/ALM**

SEPARATE WAYS—Journey
(Steve Schaeffer, C. Perry, J. Cain; Columbia 38-)

DREAMIN' IS EASY—Steel Breeze
(Kim Towley, K. Gossard; RCA 13427) **CPP**

EVEN NOW—Bob Seger & the Silver Bullet Band
(Johnny Janney, B. Seger; Capitol 5213) **WBM**

I WON'T HOLD YOU BACK—Toto
(Toto, S. Lukather; Columbia 38-03597) **WBM**

MY KIND OF LADY—Supertramp
(Supertramp, Peter Dinklage, R. Davies, R. Hodgson; A&M 2517) **CPP/ALM**

I LIKE IT—DeBarge
(G. Gandy, K. DeBarge, G. Gandy 1845 (Motown)) **CPP**

WINDS OF CHANGE—Jefferson Starship
(Kevin Beamish, P. Sears, J. Sears; Grant 13439 (RCA)) **HL**

I DON'T CARE ANYMORE—Phil Collins
(Phil Collins, Hugh Padgham, Phil Collins; Atlantic 7-89877) **WBM**

SO CLOSE—Diana Ross
(Diana Ross, D. Ross, B. May, B. May; RCA 13424) **CPP**

WHIRLY GIRL—Oxi
(I. Angel, Ken Mansfield, I. Angel, G. Farrow 7-25765 (Warner Bros.)) **CLM/AFB**

NICE GIRLS—Melissa Manchester
(Karl Marder, J. Buckingham, S. Buckingham, M. Gray, Andre 3145) **CPP/WBM**

ONLY YOU—E.C. Ruckelshaus
(E.C. Ruckelshaus, E.C. Ruckelshaus; Epic 34-83589) **WBM**

YOU ARE—Lionel Richie
(Lionel Richie, James Bethune Carmichael, L. Richie, B. Harvey Richie; MCA 1837) **CLM**

ALWAYS SO CLOSE TO REMINDING—Tina Turner
(Tina Turner, Ernie Maresca; Atlantic 7-89877) **WBM**

WALKING IN—Kenny Rogers
(Kenny Rogers, T. Strasser; RCA 13424) **CPP**

IF YOU WAD YOUR LAD—Richard Perry
(Richard Perry, Richard Perry; RCA 13424) **CPP**

MORNING—Jays Graydon
(Jays Graydon, Jays Graydon; RCA 13424) **CPP**

LET ME C—C. Perry
(C. Perry, C. Perry; Columbia 38-)

I COULD—J. Cain
(J. Cain, J. Cain; Columbia 38-)

Billboard's Formula

- ★ Each chart has a specific formula determined by the “Chart Manager”!
 - Wade Jessen was the last chart manager in 2015 during this data set
 - Data Analyst Position-- anyone interested?!
- ★ Because of different technologies, the way people listen, and what people are interested in hear, the formula has definitely changed since 1965 but the chart managers determine these new factors
- ★ The current charts are determined by combination of single sales, radio airplay, digital downloads, and streaming activity (including data from YouTube and other video sites) and must be “commercially available

- **1958-1991:** ranking determined by ratio of singles sales and airplay
- **1991:** Billboard begins collecting sales data digitally (using SoundScan) for quicker and more accurate charts
- **1998:** Billboard drops requirement that song must be released as a single to appear on the chart
- **2005:** Digital downloads (iTunes) included
- **2012:** On-demand streaming services (Spotify, Rhapsody) included
- **2013:** Video views (YouTube) included

*Information found on Kaylin Walker's data analysis site

The DATA

#Song Rank

#Title

#Artist

#Source

#Chorus Lyrics



Why Am I Interested?- A little bit about me!

- Grandfather's influence
 - The olden tales of growing up with Prince, being a concert bodyguard, and knowing every "Oldies" song from car trips
- High School Band Geek
- Musical Opportunities
 - High School Summer Program at NYU Clive Davis Institute of Arts
 - Meeting Songwriters, Producers, going to Studios and hanging out with Beyonce's Manager
 - Interning with Jerry "Wonda"
 - Wyclef's Cousin and basist
 - Worked with Whitney Houston, Shakira, Melissa Etheridge and so many more!

Step-by-Step Analysis



1. What questions are important?/
interesting to me?

Step-by-Step Analysis

Text Analysis

- Is there a trend in the length of the lyrics/ does that influence its ranking?
- Which words appear the most?/Top words for each decade? Does this indicate a generational change?
- How do the lyrics influence its rank?

Step-by-Step Analysis

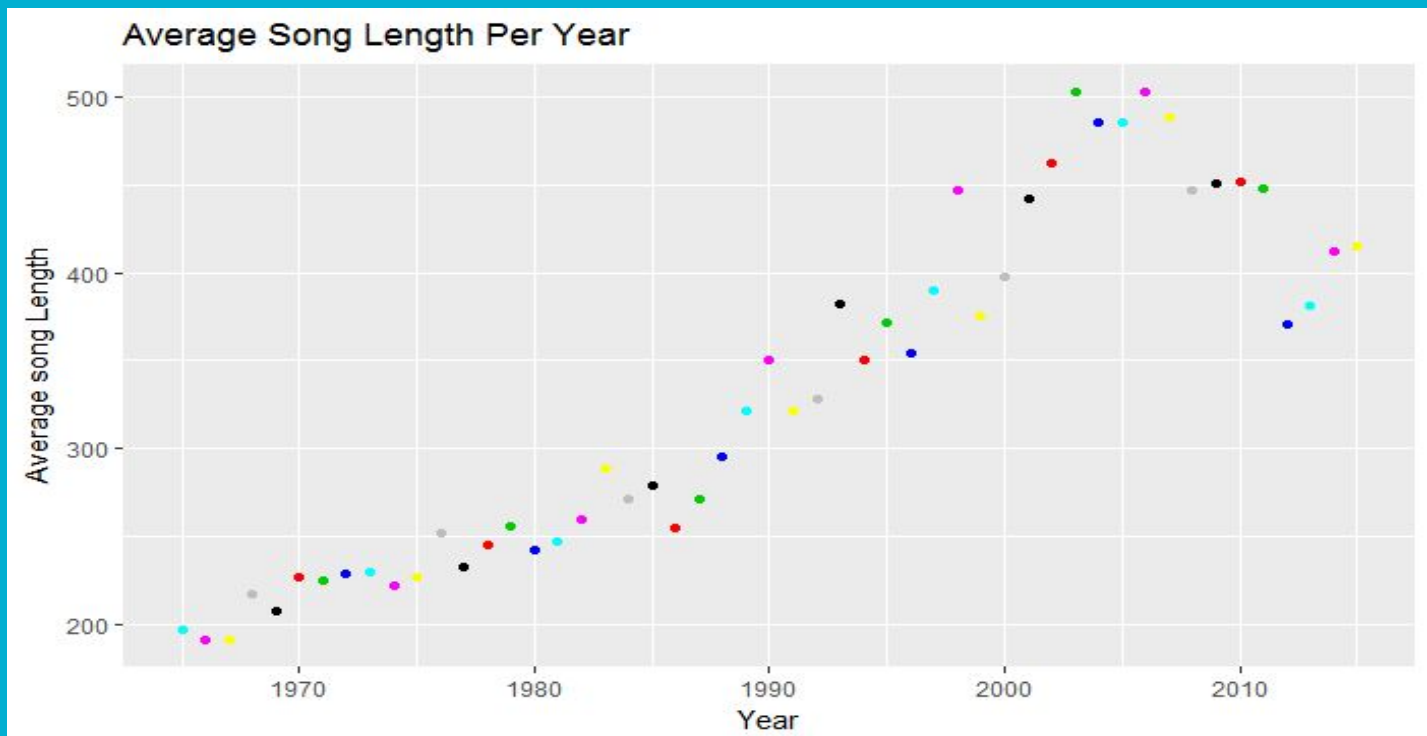
Artist

- Who produced the most songs on the top yearly 100?
- What was the length of the top 5 artists' Hot100 career?
- How many were “One Hit Wonders”?
- Who produced the most #1 hits?

Step-by-Step Analysis

WHAT DOES IT ALL MEAN? How can it be helpful? Is it just interesting?

What I Found -Average Length Per Year



What I Found - Most Used Words of the Past 50 Years



What I Found - Artist of each Decade

The Beatles

1965-1975

Elton John

1975-1985

Madonna

1985-1995

R Kelly

1995-2005

Rihanna

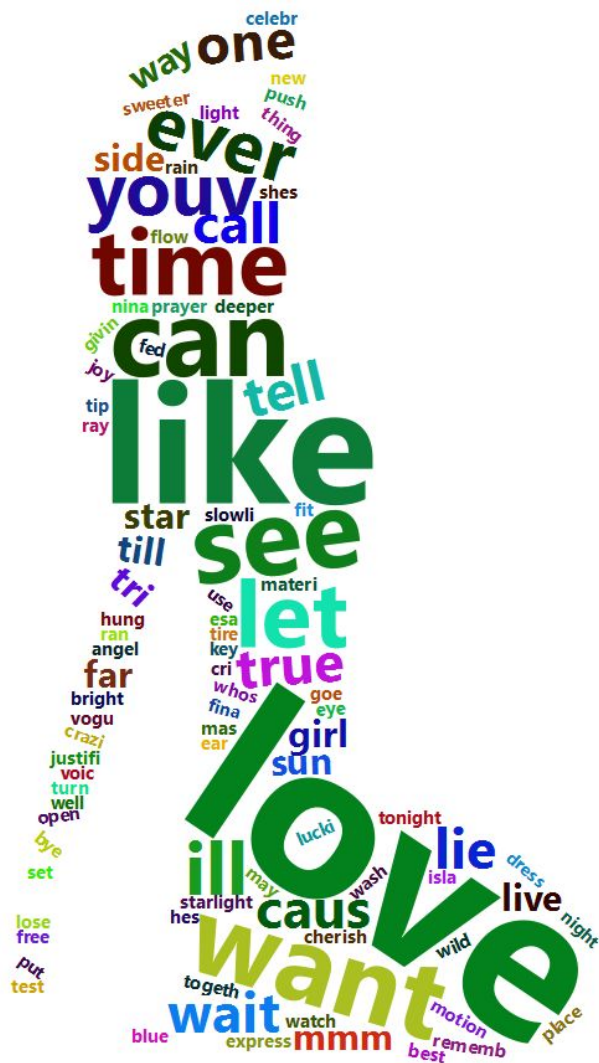
2005-2015

Most Characteristic Lyrics by Decade

*Credit to Kaylin Walker who created the dataset!!

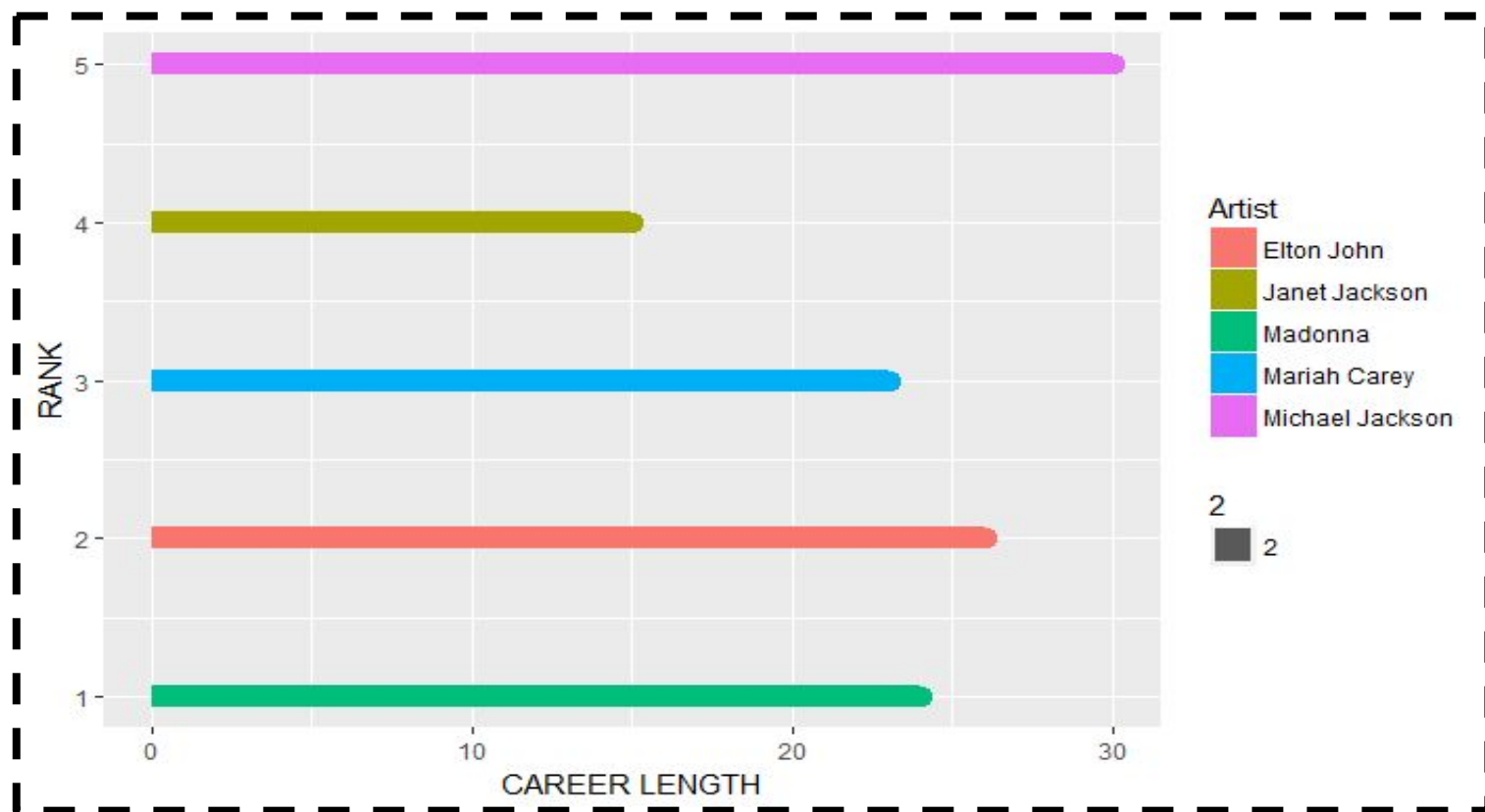


MADONNA



Top
Artist of
the Past
50
Years

What I Found - Top 5 Artists of the past 50 Years



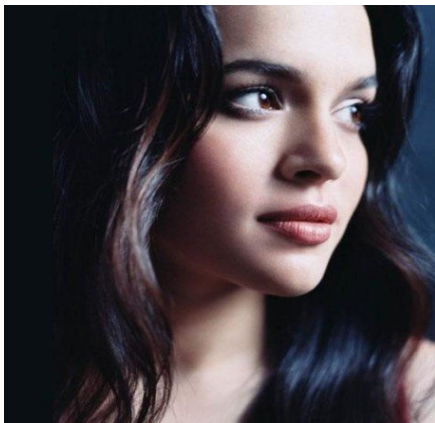
What I Found - Who Produced the Most #1 Hits?

NO ONE!

Every artist who produced a top song of each year, never did again!

Top 100 “One Hit Wonders”

There were 1367 artists who only appeared on the charts once!



“Don’t Know Why -
2003



“Little Talks- 2013



“Whataya Want
From Me- 2010”

Future Analyzing

- Predicting Model for top 100?
 - Interesting!
 - But not interfering with artist/making music scientific--it could take out the fun!
- More Data
 - Song Reviews
 - Modes of Listening
 - Specific Genres

