

Wrangling the Billboard Top 100

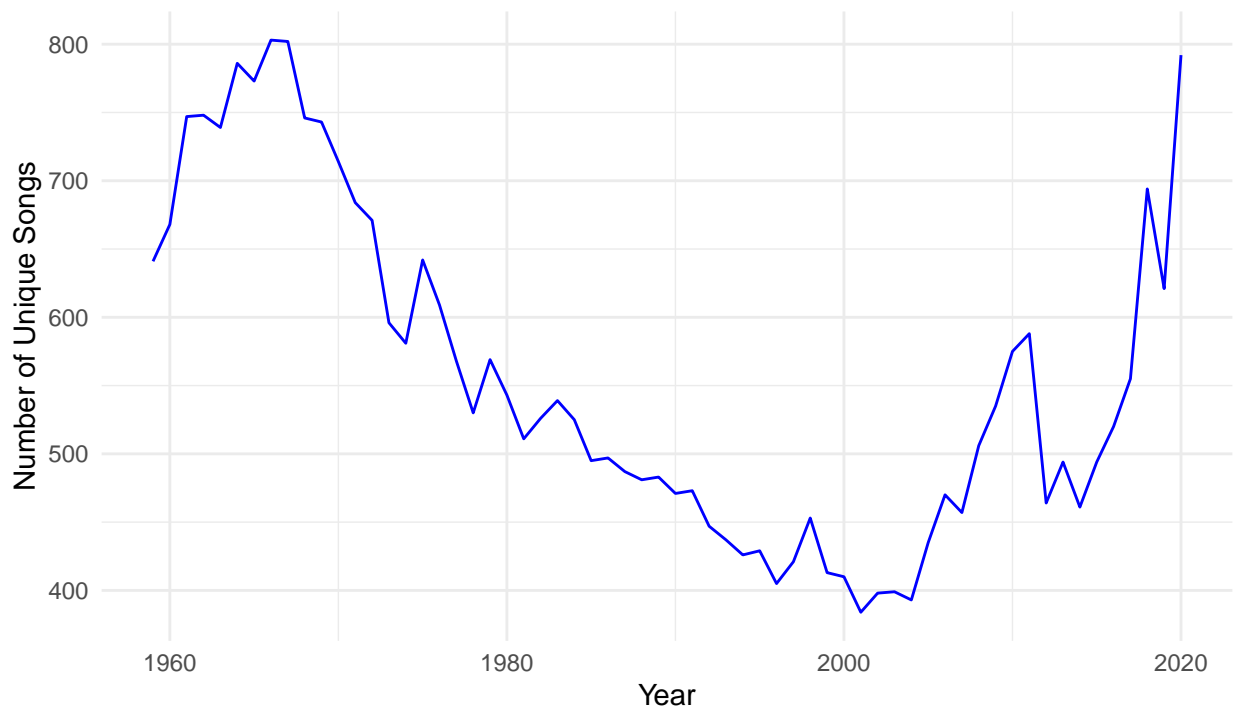
Part A

##	#	A tibble: 10 x 3		
##		performer	song	count
##		<chr>	<chr>	<int>
##	1	Imagine Dragons	Radioactive	87
##	2	AWOLNATION	Sail	79
##	3	Jason Mraz	I'm Yours	76
##	4	The Weeknd	Blinding Lights	76
##	5	LeAnn Rimes	How Do I Live	69
##	6	LMFAO Featuring Lauren Bennett & GoonRock	Party Rock Anthem	68
##	7	OneRepublic	Counting Stars	68
##	8	Adele	Rolling In The Deep	65
##	9	Jewel	Foolish Games/You Were Meant~	65
##	10	Carrie Underwood	Before He Cheats	64

The above table shows the top 10 most popular songs from 1958 to 2021 (2021 is not fully up-to-date) based on the total number of weeks that a song spent on the Billboard Top 100. Interestingly, no artist shares more than 1 song in the top 10.

Part B

Musical Diversity on the Billboard Top 100 (1959–2020)



This line graph shows the number of unique songs that appeared on the Billboard Top 100 in each year from 1959 to 2020. An interesting trend I noticed is the historical low in the diversity from 1990 to 2005ish, with a stark increase from around 2015.

Part C

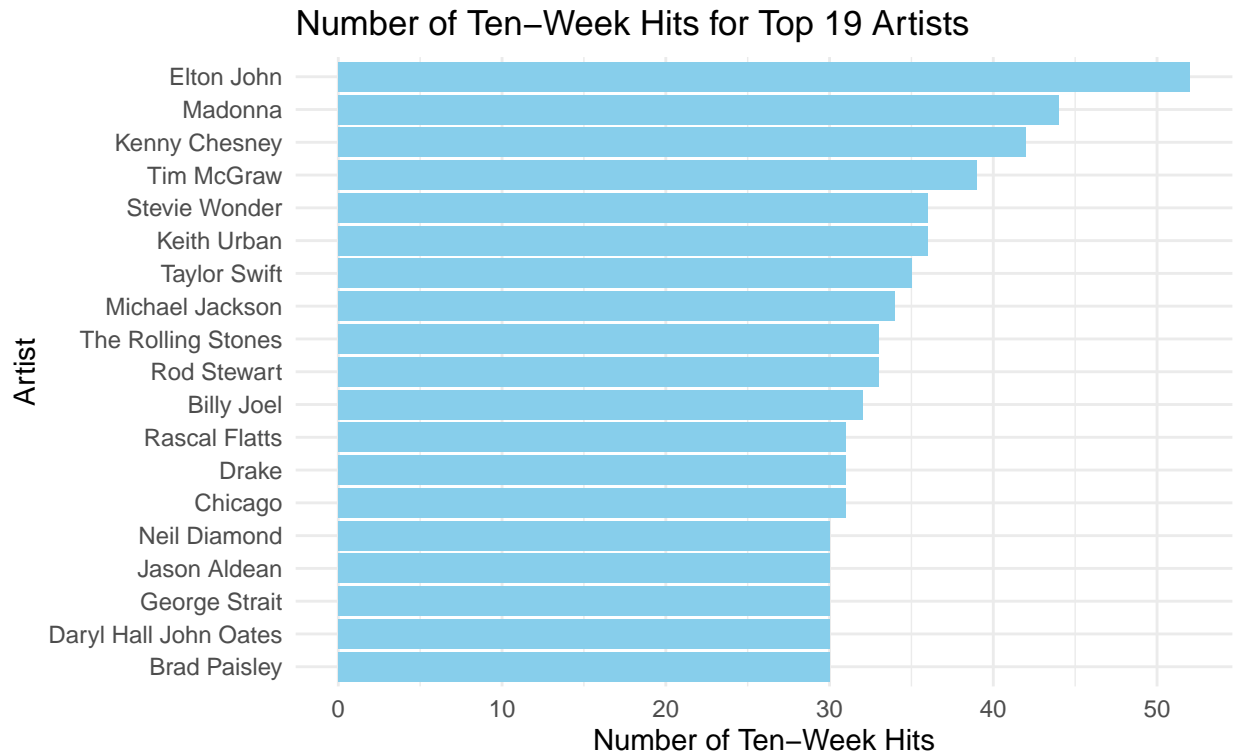


Figure: This bar plot shows the number of ten-week hits (songs that appeared on the Billboard Top 100 for at least ten weeks) for the top 19 artists who had 30 or more such hits in their career. As expected, pop artists dominate the charts, but interestingly, some country artists are top artists as well.