

LYRICS ON REPEAT

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INTRODUCTION

POPULAR MUSIC HAS BEEN CRITICISED FOR REPEATING THE SAME THEMES AND TOPICS THROUGHOUT TIME.

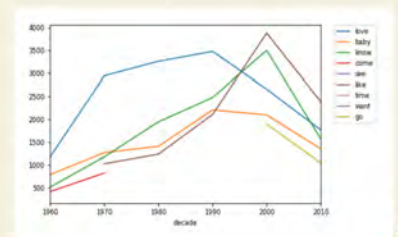
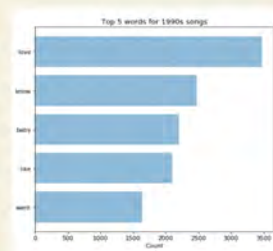
ADDITIONALLY, POPULAR MUSIC HAS ALSO BEEN CRITICISED FOR BEING REPETITIVE, UTILIZING THE SAME WORDS OR PHRASES THROUGHOUT THE ENTIRE SONG.

METHODOLOGY

TO INVESTIGATE OUR HYPOTHESIS, WE ACQUIRED THE LYRICS OF 5100 SONGS IN THE YEAR END BILLBOARD HOT 100. WE LOWERED THE CASING OF THE CHARACTERS, REMOVED PUNCTUATIONS AND STOP WORDS BEFORE PERFORMING OUR ANALYSIS.

1 OVERALL REPETITIVENESS OF SONGS

WE HAVE USED BAR CHARTS TO DEPICT THE COUNT OF THE MOST COMMONLY USED WORDS IN LYRICS IN FOR 10 YEAR PERIODS AND A LINE GRAPH TO DEMONSTRATE HOW USAGE OF THE MOST POPULAR WORDS CHANGES OVER TIME.



2 REPETITIVENESS OF INDIVIDUAL SINGERS - BEYONCE

WE NEEDED TO FIND AN ARTIST THAT FULFILLS TWO REQUIREMENTS: FIRST, THE ARTIST SHOULD HAVE RELEASED POPULAR SONGS FOR AN EXTENDED PERIOD OF TIME. SECOND, THE ARTIST SHOULD EITHER EXPRESSED NEW VIEWS OR CHANGE IN THEIR VIEWS DURING THEIR CAREER. THE SAME ANALYSIS WAS PERFORMED ON BEYONCE'S SONGS WHERE WE FILTERED OUT STOP WORDS, MEASURED THE TOP 5 MOST POPULAR WORDS VARIANCE SCORE OF HER SONGS FROM THE 2009 TO 2016.

