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Bollywood music analysis

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ABSTRACT

The following analysis gives an overview of how much time people like to spend listening to Bollywood music. This analysis also helps in understanding the different moods of people while listening to music.

Keywords— Bollywood music, Attitude of people towards music, Research, Research paper

1. INTRODUCTION

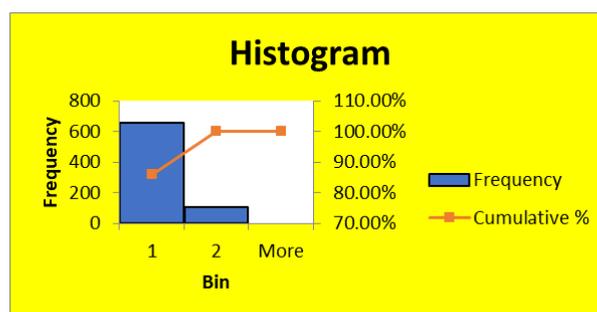
Songs are an important medium within the entertainment field of India because they often convey matters concerning love based on ancient heroic verse or romantic lyrics, both with eloquence and good taste. BOLLYWOOD MUSIC plays very important role in Indian movies as well as lives of Indian people. The standard Indian formula for successful filmmaking includes roughly two or more stars and around six songs.

2. OBJECTIVES

- To study the relationship between age and the mood of people in which they listen to Bollywood music.
- To study the relationship between age, gender and how often people listen to music.
- To analyse the sources used by people to listen to Bollywood music.

3. ANALYSIS AND INTERPRETATION

3.1 Histograms

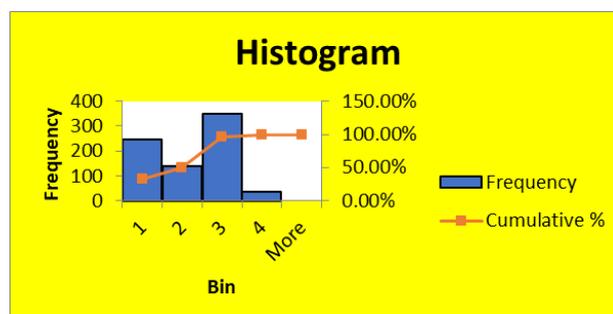


Interpretation

"1" represents YES, people who listen to Bollywood music

"2" represents NO, people who do not listen to Bollywood music.

According to the histogram more than half of the people (around 85%) listen to Bollywood music.



Interpretation

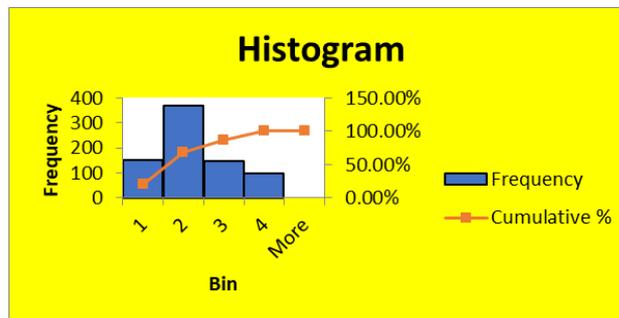
"1" represents people who listen to Bollywood music SOMETIMES

"2" represents people who listen to Bollywood music OFTEN

"3" represents people who listen to Bollywood music EVERYDAY

"4" represents people who listen to Bollywood music NEVER

According to the histogram around 45% of the people listen to Bollywood music every day and only 4% are those who do not listen to Bollywood music at all.



Interpretation

"1" represents people who get EXCITED after listening to Bollywood music

"2" represents people who get HAPPY after listening to Bollywood music

"3" represents people who get SAD after listening to Bollywood music

"4" represents people who get OTHER emotions after listening to Bollywood music

According to the histogram, frequency polygon and ogive mostly people get happy after listening to Bollywood music while 20% people get happy and other 20% get sad after listening to Bollywood music.

4. DESCRIPTIVE STATISTICS

4.1 Age

- Mean: 1.818300654: This implies that on an average teenagers and mid-aged people listen more to Bollywood music.
- Median: 2: This implies that 50% of people are 16-25 and the other are above 25.
- Mode: 1: This implies that most of the people are between 16-25.
- Standard Deviation: 0.758670467: This implies that there is a very small deviation.

4.2 Gender

- Mean: 1.520261438: This implies that on an average both male and female listen to Bollywood music.
- Median: 2: This implies that more than 50% are female and the other are males.
- Mode: 2: This implies that females are more than males.
- Standard Deviation: 0.499916155: This implies that data is moderately deviated from the mean.

4.3 When do people normally listen to music

- Mean: 2.383006536: This implies that on an average people listen to music while travelling or while in a café or restaurant.
- Median: 2: This implies that the mid value of the data is people listening to music while at café or restaurant.
- Mode: 1: This implies that maximum people listen to music when at home relaxing.
- Standard Deviation: 1.450211704: This implies that the data is deviated from mean.

NOTE

"1" represents AT HOME WHEN RELAXING

"2" represents IN A CAFÉ / RESTAURANT

"3" represents WHILE TRAVELLING

"4" represents WHILE STUDYING

"5" represents WHILE WORKING OUT

4.4 Source of listening music

- Mean: 1.445751634: This implies that on an average people listen music from both apps and YouTube.
- Median: 1: This implies that the mid value of this data is somewhere between YouTube and apps.
- Mode: 1: This implies that the maximum people listen music on YouTube or other online streaming.
- Standard Deviation: 0.49737359: This implies that the data is moderately deviated from the mean.

NOTE

"1" represents YOUTUBE / ONLINE STREAMUNG

"2" represents APPS LIKE SAAVN

5. CORRELATION

5.1 Correlation between age and how often one listens to music

$$R = -0.04733$$

This implies that there is an Imperfect Negative Correlation between age and how often one listens to Bollywood music, i.e. as age increases the tendency of people to listen to Bollywood music decreases.

5.2 Correlation between age and when do people normally listen to music

$$R = -0.04849$$

This implies that there is an Imperfect Negative Correlation between age and when people normally listen to music, i.e. as age increases people prefer listening to music at home when relaxing.

6. REGRESSION

Regression equation of how often people listen to music(y) on the age(x) of people

$$Y = 2.330189 - 0.05938X$$

This implies that if variable X (age) increases by one-year, variable Y (how often people listen music) will decrease by -0.05938 units, but will have a constant increase of 2.330189.

7. CONCLUSION

From the analysis it can be concluded that on an average teenage and middle-aged people listen more to Bollywood music with almost equal number of male and female. Most of the people listen to Bollywood music when they are in a happy or exited mood. Generally, people like to listening to music when travelling or in a café or restaurant.

8. BIBLIOGRAPHY

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