

Movie Analysis

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Our data set

- movies with ratings,genre,release year
- movies with stars,votes,ratings of movies in 2015
- movies with ratings from different websites

life cycle

- **Requirements**
- **Collection**
- **Cleaning**
- **Exploratory**
- **Modeling**
- **Transforming**
- **Visualizing**

Types of Data

- **Structured**
- **Nominal**
- **Continuous**
- **Ratio**
- Ordinal
- Interval
- Discrete

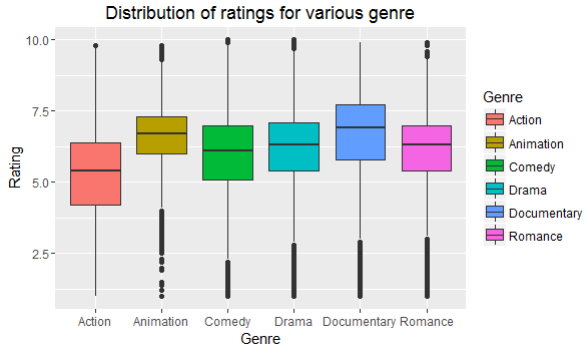
Data analysis

- **Descriptive**
- **Exploratory**
- Inferential
- Predictive
- Causal
- Mechanistic

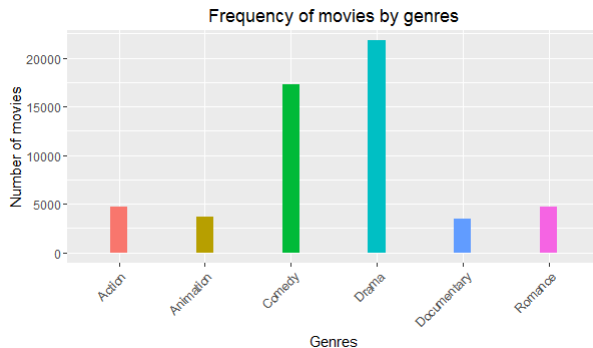
Findings

- Frequency of movie ratings over genre
- Distribution of ratings for various genres
- Frequency of movie ratings over decades
- Mean run time of successful movies
- Popular movie according to votes and ratings in 2014,2015
- Relation between ratings and votes

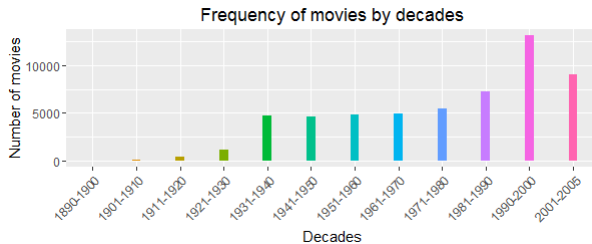
Findings



Findings



Findings



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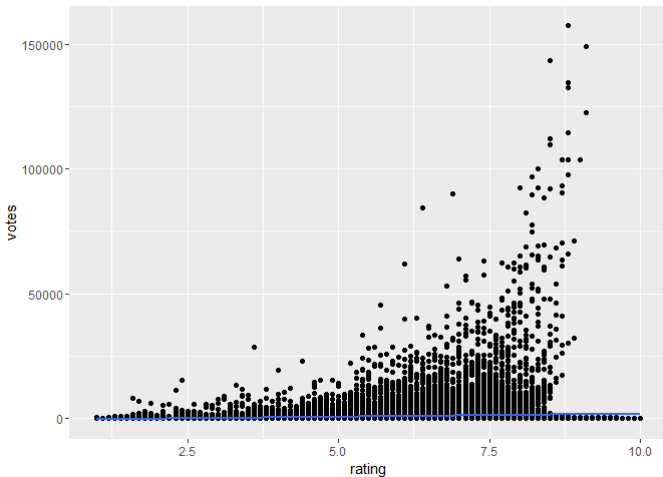
- Mean run time of most popular movies
- 66.0479

Findings

- Finding the popular movie with highest rating,votes in 2014,2015.
- According to votes- Imitation game(2014)
- According to rating- Inside out(2015)

Findings

■ Relation between ratings and user votes



THANK
YOU

A decorative illustration of a branch with red and pink leaves and small green berries, framing the text 'THANK YOU'. The leaves are in various shades of red and pink, some with white veins. The berries are small and green. The text 'THANK YOU' is written in a black, serif font, with 'THANK' on the top line and 'YOU' on the bottom line. The words are slightly tilted and framed by the branch and leaves.