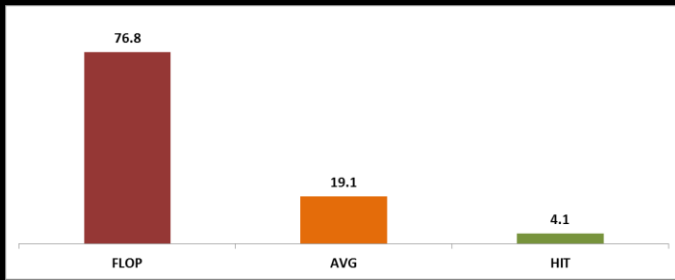


# BOLLYWOOD

Rohit Garg

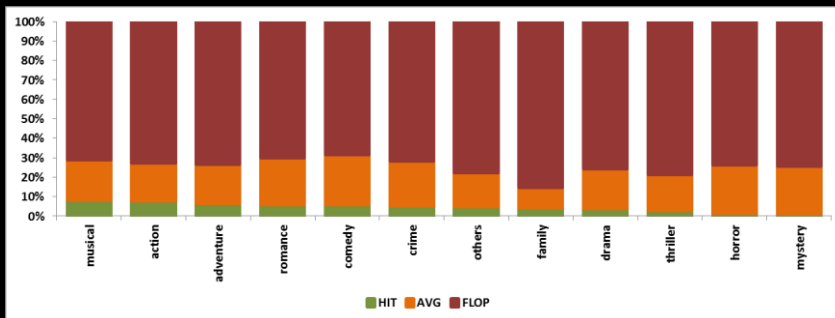
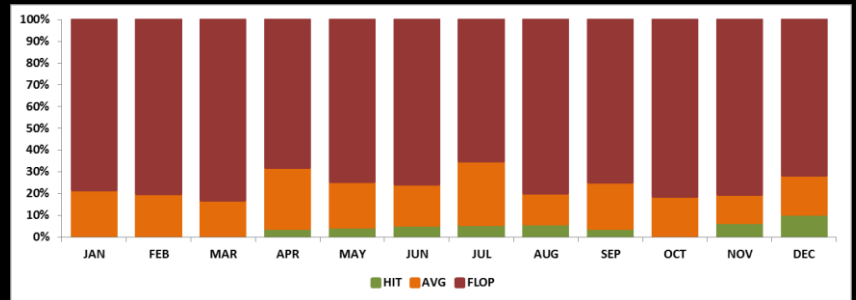


## Movie Data

- There are 1,231 number of observations. There are 934 flop movies (76.8%), 244 average movies (19.1%), and 53 hit movies (4.1%)
- The focus of this analysis is to understand the ingredients of a hit movie: **Month of Release, Genre, Directors, and Actors**

## Month of Release

- Based on the regression between the release month and ratings, the top months are: **July and December**
- Based on the regression between the release month and ratings, the bottom months are: **January, February, March, and October**

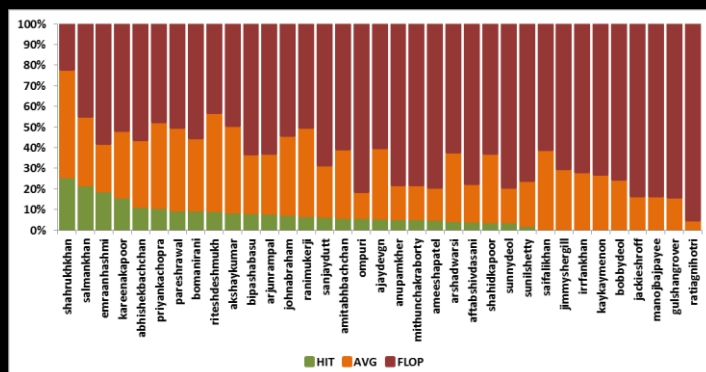
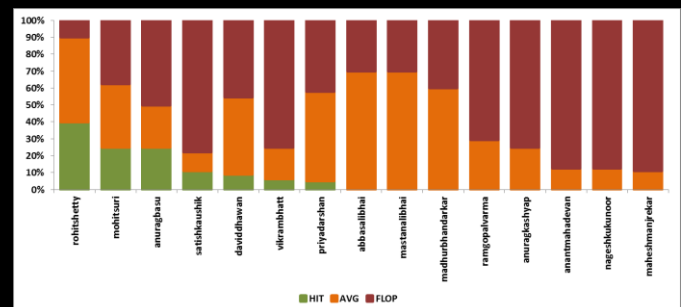


## Genre

- Based on the regression between the genre and ratings, the top 4 genre are: **Musical, Action, Romance, and Comedy**
- Although **Adventure** was expected to be an important genre but it was not picked by the model

## Directors

- Based on the regression between the directors and ratings, the top 5 directors are: **Rohit Shetty, Mohit Suri, Anurag Basu, David Dhawan, and Priya Darshan**
- Although **Satish Kaushik** and **Vikram Bhatt** were not picked by the model, because of the higher percentage of flops.
- Abbas Alibhai** and **Mastan Alibhai** work together.



## Actors

- Based on the regression between the directors and ratings, the top 10 actors are: **Shahrukh Khan, Salman Khan, Emraan Hashmi, Ritesh Deshmukh, Kareena Kapoor, Abhishek Bachchan, Boman Irani, Akshay Kumar, Priyanka Chopra, and Paresh Rawal**
- Rohit Shetty** as a Director and **Shahrukh Khan** as an actor have more percentage of hits than flops.