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| **B O L L Y W O O D** | | *Rohit Garg* | |
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|  | | **Movie Data**   * **There are 1,231 nubmer 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** | |
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| **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** |  | | |
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|  | | | **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 |
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| **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. | |  | |
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|  | | **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 precentage of hits than flops. | |