

# Question 1 Answer: Movies

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## #Introduction

This report will aim to test three theories which were discussed around a braai. The theories were based on a discussion regarding claims that movie critics. Specifically, the assertion was that movie critics are near perfect predictors of films' popularity and profitability among audiences. This informal letter will briefly show whether this is not true or not by address theories our dear friend made.

## #The Data

The data seems to fine. Variables have their correct specifications. As can be noted, there are 8 variables and 74 observations.

```
glimpse(my_data)
```

```
## Rows: 74
## Columns: 8
## $ Film      <chr> "27 Dresses", "(500) Days of Summer", "A Dangerous M~
## $ Genre     <chr> "Comedy", "Comedy", "Drama", "Drama", "Romance", "Co~
## $ Lead.Studio <chr> "Fox", "Fox", "Independent", "Universal", "Independe~
## $ Audience..score.. <int> 71, 81, 89, 64, 84, 80, 66, 80, 51, 52, 47, 52, 56, ~
## $ Profitability <dbl> 5.3436218, 8.0960000, 0.4486447, 4.3828571, 0.652603~
## $ Rotten.Tomatoes.. <int> 40, 87, 79, 89, 54, 84, 29, 93, 40, 26, 27, 56, 53, ~
## $ Worldwide.Gross <dbl> 160.308654, 60.720000, 8.972895, 30.680000, 29.36714~
## $ Year      <int> 2008, 2009, 2011, 2009, 2007, 2011, 2010, 2007, 2008~
```

## #Theory 1

The first theory that our friend suggested was that she firmly remembers that Rotten Tomatoes was always a great review platform. And if a movie had a rating of more than 80% on Rotten Tomatoes, audiences would rate it above 85% every time.

##	Film	Audience.Score	Rotten.Tomatoes
## 1	(500) Days of Summer	81	87
## 2	A Serious Man	64	89
## 3	Beginners	80	84
## 4	Enchanted	80	93
## 5	Jane Eyre	77	85
## 6	Knocked Up	83	91
## 7	Midnight in Paris	84	93
## 8	My Week with Marilyn	84	83
## 9	Rachel Getting Married	61	85
## 10	Tangled	88	89
## 11	Waitress	67	89
## 12	WALL-E	89	96

#Theory 2  
#Theory 3  
#Conclusion