Bayesian modeling and prediction for movies

Setup

Load packages

```
library(ggplot2)
```

```
## Warning: package 'ggplot2' was built under R version 3.4.3
```
```
library(dplyr)
```

```
## Warning: package 'dplyr' was built under R version 3.4.3
```
```
library(statsr)
library(BAS)
```

```
## Warning: package 'BAS' was built under R version 3.4.3
```

Load data

Make sure your data and R Markdown files are in the same directory. When loaded your data file will be called `movies`. Delete this note when before you submit your work.
```
#load("movies.Rdata")
```

Part 1: Data

Part 2: Data manipulation

NOTE: Insert code chunks as needed by clicking on the "Insert a new code chunk" button above. Make sure that your code is visible in the project you submit. Delete this note when before you submit your work.

Part 3: Exploratory data analysis

NOTE: Insert code chunks as needed by clicking on the "Insert a new code chunk" button above. Make sure that your code is visible in the project you submit. Delete this note when before you submit your work.

Part 4: Modeling

NOTE: Insert code chunks as needed by clicking on the "Insert a new code chunk" button above. Make sure that your code is visible in the project you submit. Delete this note when before you submit your work.

Part 5: Prediction

NOTE: Insert code chunks as needed by clicking on the "Insert a new code chunk" button above. Make sure that your code is visible in the project you submit. Delete this note when before you submit your work.

Part 6: Conclusion