**Project Title**: Academy Awards Relevance in the 21st Century

**Team Members**:

1. Kevin Avery
2. Megan Foster
3. Meha Marathe
4. Troy Rippeto

**Project Description/Outline/Research Questions to Answer**:

1. Are the Academy Awards relevant to the average American in the 21st Century?
   1. Is the Academy Award Best Picture Winner one of the Top 5 Grossing Films for the Year
      1. Run data for the 1900s to see if it’s ever been a high grosser as a comparison to the current century
      2. Run data for the 2000s
   2. How many people watch the Academy Awards?
   3. How many theaters show the film?
   4. Length of movie release in theaters?
   5. Number of Academy Awards won by each picture
2. Possible reasons the Academy Awards for relevance or non-relevance to the American People:
   1. Analyze Twitter API to calculate number of mentions of films (perhaps highest grossers are simply marketed more)
   2. Bechdel Test (pass/fail rates)
   3. Compare genres of Academy Award Winners with Highest Grosser
   4. Compare film ratings
   5. Emergence of streaming services
   6. Availability of academy award winning films or top grossers on streaming platforms
   7. Other?

**Datasets to be Used**:

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| **Data Needed** | **Source** |
| Academy Award “Best Picture” Films (including nominations) | One of Kevin’s Award Sources? |
| Top 5-10 Grossing Films for the Year | OMDB |
| Film Information Including Gross Revenue, Genre, Ratings, Awards Won | OMDB |
| Academy Awards Number of Viewers | TVDB?  <https://en.wikipedia.org/wiki/Academy_Awards#Awards_ceremonies> |
| Number of Theaters a film is shown in | TBD |
| Length of movie release in theaters | TBD |
| Number of tweets about a film | Twitter API |
| Bechdel Test pass or fail rates for films | Data.world |
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**Breakdown of Tasks**: TBD on Tuesday