# Project: Visualizing Movie Data

Complete each section. When you are ready, save your file as a PDF document and submit it [here](https://classroom.udacity.com/nanodegrees/nd008/parts/c7cbb25d-deae-4be1-bc9c-71f465b849f8/project#).

## Step 1: Data Cleanup and Attribute Selection

* Clean up any missing information and choose the most important attributes you will explore further in your visualizations.
* List out the attributes (or variables) you plan to dive further with your visualizations. You should explore no more than 8 attributes.
* Please refer back to the [Data Cleanup course](https://classroom.udacity.com/courses/ud977) to help you clean up your data.

## Step 2: Tableau Visualizations

* Please make sure you follow the [rubric](https://review.udacity.com/#!/rubrics/329/view) and include Tableau Dashboards, Stories, and the appropriate visualizations (small multiples, scatter plot, bar chart, etc..) your reviewer expects your visualizations to contain. Remember: You need one Dashboard for every question (Q1-Q4) and in addition, you also need one Story, pertaining to a question of your choosing.
* Attach your visualizations as Tableau Workbooks in a zip file along with this report.

**IMPORTANT**: Please upload the workbooks to **Tableau Public** to allow reviewers to access your workbooks. Note that simply saving your file as a “.twbx” is not enough to allow all reviewers to access. [Instructions on how to do this](https://onlinehelp.tableau.com/current/pro/desktop/en-us/publish_workbooks_tableaupublic.html).

## Step 3: Questions

* Answer the following questions. Refer to your online visualizations to back up your answers:
  + **Question 1:** How have movie genres changed over time?
  + **Question 2:** How do the attributes differ between Universal Pictures and Paramount Pictures?
  + **Question 3:** How have movies based on novels performed relative to movies not based on novels?
* What is your additional question that you proposed? What is the answer? How did you come up with this question?