

## DTSC-580: Data Manipulation

### Assignment: Fandango

#### Directions

In this assignment, we will use Pandas to explore the data set from a 538 article titled "[Be Suspicious Of Online Movie Ratings, Especially Fandango's](#)". When you have finished the assignment, make sure that you save your file as "fandango.ipynb" and submit it to CodeGrade for automatic grading.

First, read the above article so that you will understand the data. Then download the "fandango.ipynb" and csv files. Work through the notebook and perform the required data manipulation steps to answer the questions.

#### Show Work

Remember that you must show your work. Students submissions are spot checked manually to verify that they are not hard coding the answer by checking CodeGrade's expected output. If this is seen, the student's answer will be manually marked wrong and their grade will be changed to reflect this.

For example, if the answer to Q1, the mean of a specific column, is 22:

```
# correct way
Q1 = df['column_name'].mean()
```

```
# incorrect way
Q1 = 22
```

Below is a simple rubric indicating how you will be graded:

#### **Correct Answers 100%**

Are your answers correct for the respective questions?