Python Project 2

**Objectives:**

Analyze movies data from movie\_meta\_data.csv

Create functions to get the results of the following:

1. Group movies by genres
   1. Top/bottom n **percentile** movies according to metascore, where, **‘n’ should be a parameter passed to your function.** For example, if n is 10, then you will be expected to find the movies above 90 percentile (top) and below 10 percentile (bottom) for each genre.
   2. Top/bottom n **percentile** movies according to ‘number of imdb user votes’
2. Movies who have won an Oscar in a particular year. For example, get the year as a parameter to your function and return all the movies that won an Oscar in that year
3. Analyze and return n movies with highest/lowest budget
4. Which countries have highest number of movies release in each year
5. Analyze if there is any relationship between the imdb user rating and number of awards received
6. Return akas of a specified movie in a specified region
7. Movies released on, before or after a given year (take year as a parameter)
8. Which director has made directed most number of oscar winning movies
9. Write a wrapper function to return the output in following formats:
   1. CSV
   2. Json
10. (Optional) For each genre of movies identify:
    1. Average budget
    2. Most common director
    3. Most common cast member (actor)