import pandas as pd

movies = pd.read\_csv('http://bit.ly/imdbratings')

movies.head()

|   | star_rating | title                       | content_rating | genre | duration | actors_list  |
|---|-------------|-----------------------------|----------------|-------|----------|--|
| 0 | 9.3         | The Shawshank<br>Redemption | R              | Crime | 142      | [u'Tim<br>Robbins',<br>u'Morgan<br>Freeman',<br>u'Bob Gunt |
| 1 | 9.2         | The Godfather               | R              | Crime | 175      | [u'Marlon<br>Brando', u'Al<br>Pacino',                     |

movies[movies.duration >= 200]

|    | star_rating | title  | content_rating | genre     | duration | actors_li                                      |
|----|-------------|--|----------------|-----------|----------|--|
| 2  | 9.1         | The Godfather:<br>Part II                              | R              | Crime     | 200      | [u'Al Pacii<br>u'Robert<br>Niro', u'Rok<br>Du  |
| 7  | 8.9         | The Lord of the<br>Rings: The<br>Return of the<br>King | PG-13          | Adventure | 201      | [u'Eli<br>Wod<br>u'Viç<br>Mortensd<br>u'lan Mc |
| 17 | 8.7         | Seven Samurai  | UNRATED        | Drama     | 207      | [u'Toshir\<br>Miful<br>u'Taka<br>Shimu<br>u'   |
| 78 | 8.4         | Once Upon a<br>Time in America                         | R              | Crime     | 229      | [u'Robert<br>Niro', u'Jan<br>Woo<br>u'Elizabe  |
|    |             |  |                |           |          | ſu"P€  |

True or False

True

False or False

False

True and False

False

True and True

True

movies[(movies.duration >= 200) & (movies.genre == 'Drama')]

|    | star_rating | title            | content_rating | genre | duration | actors_list   |
|----|-------------|------------------|----------------|-------|----------|---|
| 17 | 8.7         | Seven<br>Samurai | UNRATED        | Drama | 207      | [u'Toshir\xf4<br>Mifune',<br>u'Takashi<br>Shimura', u'K |
|    |             | <b>~</b> '''     |                |       |          | [u'Clark Gable',  |

movies[(movies.duration >= 200) | (movies.genre == 'Drama')]

|   | star_rating | title  | content_rating | genre     | duration | actors_list  |
|---|-------------|--|----------------|-----------|----------|--|
| 2 | 9.1         | The<br>Godfather:<br>Part II                           | R              | Crime     | 200      | [u'Al Pacino',<br>u'Robert De<br>Niro', u'Robert<br>Duv    |
| 5 | 8.9         | 12 Angry<br>Men  | NOT RATED      | Drama     | 96       | [u'Henry<br>Fonda', u'Lee<br>J. Cobb',<br>u'Martin Bals    |
| 7 | 8.9         | The Lord of<br>the Rings:<br>The Return<br>of the King | PG-13          | Adventure | 201      | [u'Elijah<br>Wood',<br>u'Viggo<br>Mortensen',<br>u'lan McK |
| 9 | 8.9         | Fight Club   | R              | Drama     | 139      | [u'Brad Pitt',<br>u'Edward<br>Norton',<br>u'Helena<br>Bonh |

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## movies[movies.genre.isin(['Crime', 'Drama', 'Action'])]

|   | star_rating | title                          | content_rating | genre  | duration | actors_list   |
|---|-------------|--------------------------------|----------------|--------|----------|---|
| 0 | 9.3         | The<br>Shawshank<br>Redemption | R              | Crime  | 142      | [u'Tim<br>Robbins',<br>u'Morgan<br>Freeman',<br>u'Bob Gunt  |
| 1 | 9.2         | The Godfather                  | R              | Crime  | 175      | [u'Marlon<br>Brando', u'Al<br>Pacino',<br>u'James<br>Caan'] |
| 2 | 9.1         | The Godfather:<br>Part II      | R              | Crime  | 200      | [u'Al Pacino',<br>u'Robert De<br>Niro', u'Robert<br>Duv     |
| 3 | 9.0         | The Dark<br>Knight             | PG-13          | Action | 152      | [u'Christian<br>Bale', u'Heath<br>Ledger',<br>u'Aaron E     |