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CDS 301

02/10/2020
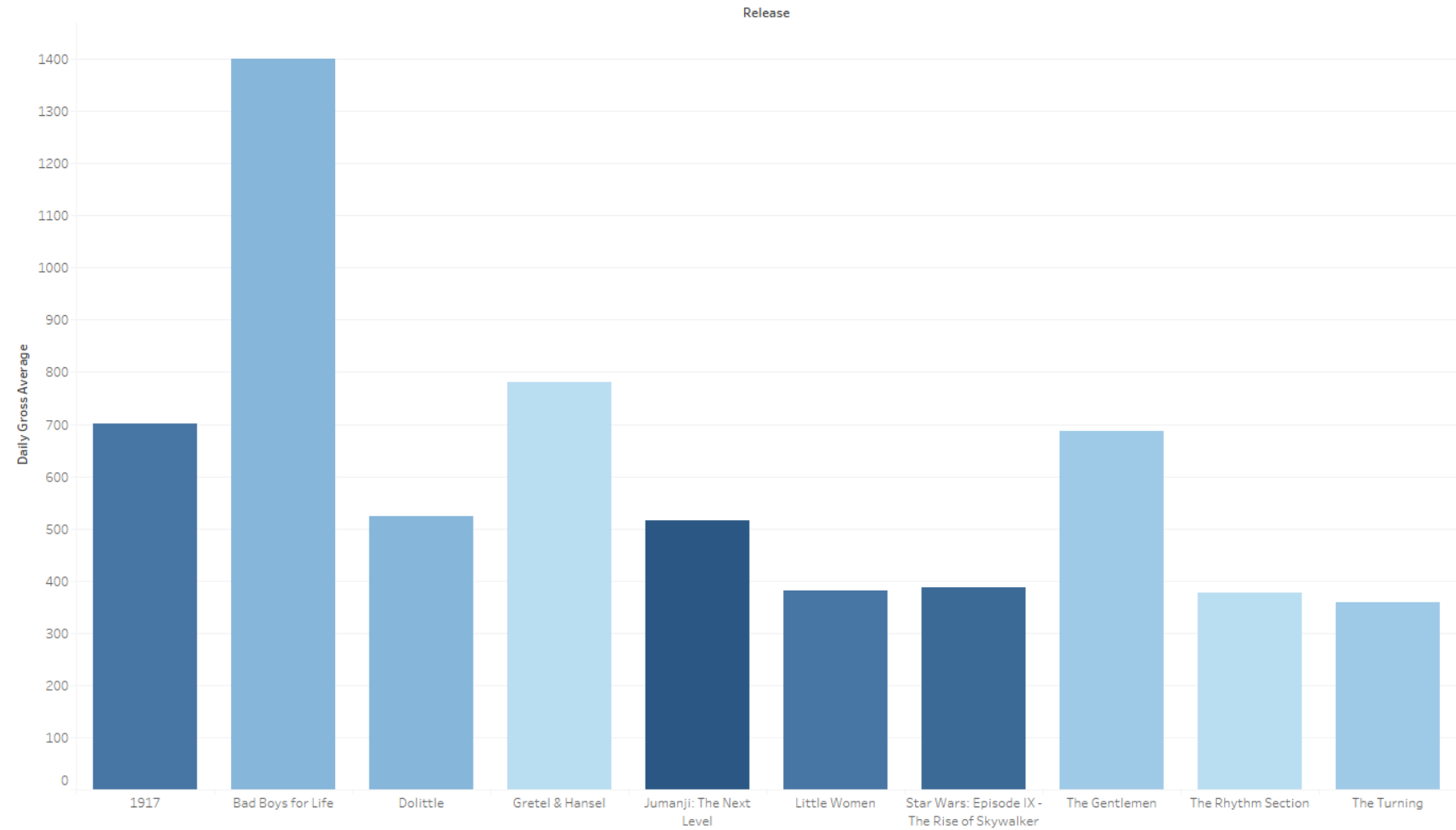
Homework 2

Problem 1

The graphic is misleading in a few different ways. One way this graph is misleading is the numbers portrayed on the screen. The range of the Cancer screening is up to 2.7 million while the abortions range is maxed at 327,000, but they are both skewed to show bias. Another way that this graph is misleading is only displaying that the cancer screenings happen in 2006, and that the abortions only happen in 2013. There should be a range on the X-axis of years in which this data was taken from.

Problem 2

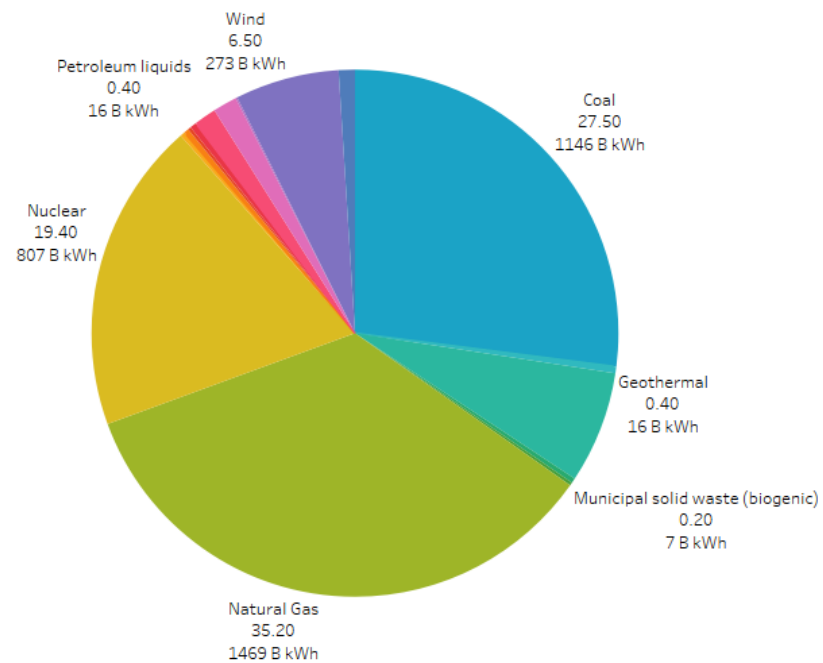Top 10 Movies - Average Gross Daily Income

Release

Daily Gross Average as an attribute for each Release. Color shows details about Days in Release.

Days in Release

1   50

Problem 3

Electricity Generation Percentage Share by Fuel Type

Wind
6.50
273 B kWh

Petroleum liquids
0.40
16 B kWh

Coal
27.50
1146 B kWh

Nuclear
19.40
807 B kWh

Geothermal
0.40
16 B kWh

Municipal solid waste (biogenic)
0.20
7 B kWh

Natural Gas
35.20
1469 B kWh

Energy source, Percentage and Billion kWh--. Color shows details about Energy source. Size shows sum of Percentage. The marks are labeled by Energy source, Percentage and Billion kWh--. The view is filtered on Energy source, which keeps 16 of 22 members.