
MANUAL TEST PLAN
DATA ANALYSIS
(CS242)

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1. Movie and Actor

The weight on the edge is order of cast list, the most important which means the first actor on the cast will have more weight.

The first one is subgraph of all nodes, which contains 15 movies and 15 actors.

The second graph is all data from data.json which cannot be readable.

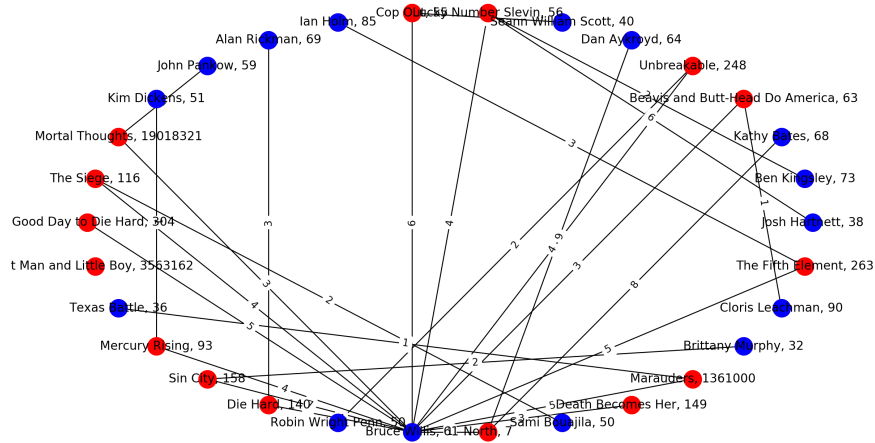


Figure 1: Movie and Actor - Sub Graph

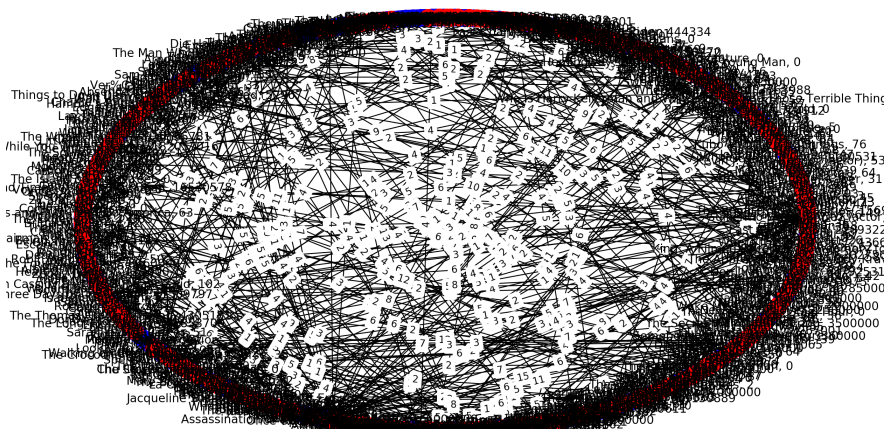


Figure 2: Movie and Actor - Overall

2. Actors Connection

The graph shows actors' connections with other actors. There will be an edge if they have acted in the same movie together, and the weight on the edge is name of movie.

The first one is subgraph of all nodes, which contains 15 actors.

The second graph is all data from data.json.

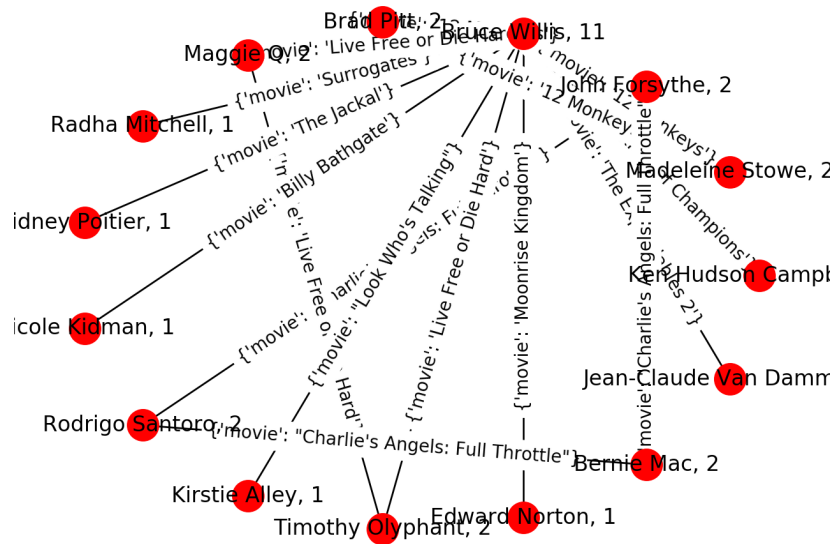


Figure 3: Actor Connection - Subgraph



Figure 4: Actor Connection - Overall

3. Age Group Money

The graph shows the correlation between age and grossing value. The first one is subgraph of all nodes, which contains 15 movies and 15 actors.

The second graph is all data from data.json.

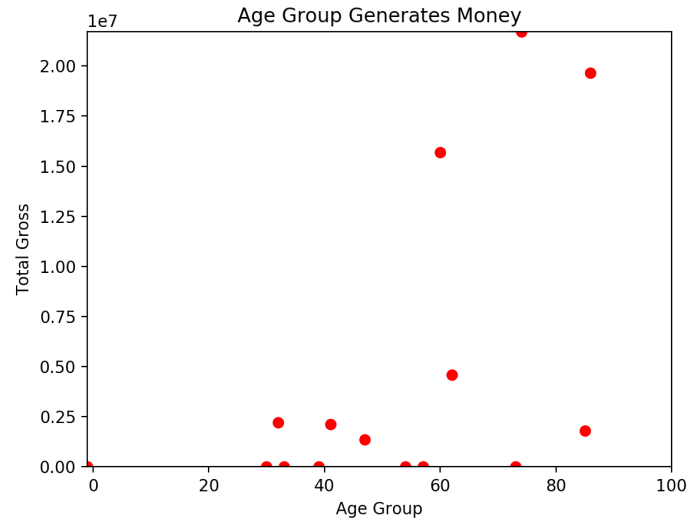


Figure 5: Age Group Generate Money - Subgraph

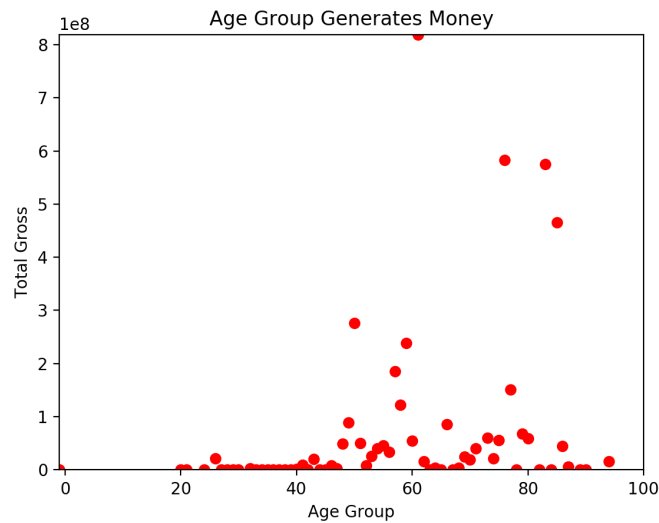


Figure 6: Age Group Generate Money - Overall