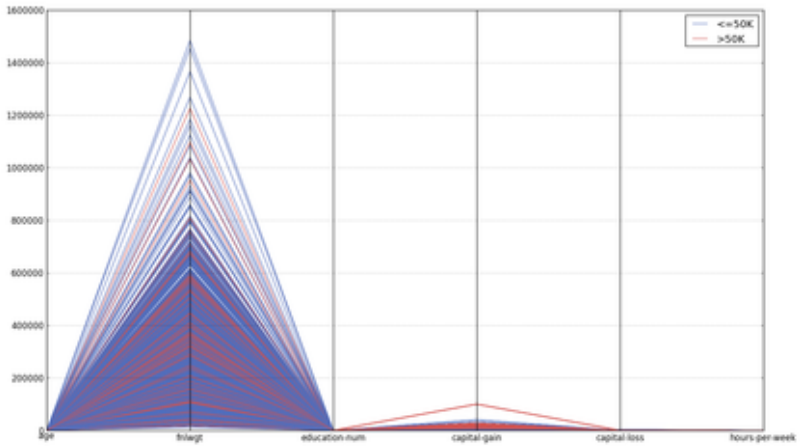
Review Question 1

(1/1 point)



The above visualization is an...

- Example of a parallel coordinates plot, used effectively
- Example of an andrews plot, demonstrating colored grouping

- Example of an imshow rendering of a linear / line based correlation matrix ✔
- Example of a parallel coordinates plot, suffering from feature scaling issues ✔

EXPLANATION

The only two solutions you should get confused with here are the first or fourth choice. Since Pandas implementation of parallel coordinates doesn't support per-axis scaling, issues like this occur where one variable can completely dominate the chart... making it unusable.

You have used 1 of 2 submissions

Review Question 2

(1/1 point)

1. Rate BBC's "Planet Earth" television series (1-10)
2. Rate Discovery's "Man vs. Wild" television series (1-10)
3. Rate Paramount's "Star Trek Voyager" television series (1-10)

```
          Q1        Q2        Q3
Q1  1.000000  0.707568  0.014746
Q2  0.707568  1.000000 -0.039130
Q3  0.014746 -0.039130  1.000000
```

Given the above questionnaire and correlation matrix generated from dataset of 1000 responses, what does the **0.707568** value tell you?

- Planet Earth is, on average, rated higher than both Man vs. Wild and Star Trek Voyager
- Star Trek Voyager is the best Star Trek series, since more people like it than the other two shows
- People who like watching Planet Earth tend to enjoy watching Man vs. Wild ✔
- There isn't much of a correlation between any of the shows, since 1.00000's only appear in the diagonals

EXPLANATION

While it's true that Star Trek Voyager was the best Trek in the series, notice how the 0.707568 value occurs at the intersection of Q1 and Q2? This means it must have something to do with Planet Earth and Man vs Wild. Since a value of 0 means no correlation at all, and a value of 1 means, the two features are identical for all intents and purposes, a value at ~.70 means there is a moderate correlation between them.

You have used 1 of 2 submissions

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