

When looking at Male vs Female Managers there are questions about the data that I would like to answer. The relevant questions with the dataset are as follows:

1. Are more managers male? And do they make more money than women?
2. What is the education level of managers split between men and women?
3. How does years of experience influence income, comparing men and women?

To answer question(s) 1, the distribution of male and female managers from this dataset was both fairly normal with the number of male managers making more than women across the distribution. More female managers appeared to make salaries between 60k-100k. At 100k the lines cross and men are making more than women up through 180k.

In question 2, the education levels of managers compared to their salary is nearly equal between men and women, though women in all categories are making less than men by a small amount. That margin grows larger with bachelors and masters degrees compared to highschool and some college.

For question 3, years of industry experience appears to have a similar slope between male and female. Overall, despite having equal amounts of experience, male managers make roughly 10k more than women starting at 8+ years experience. Before 8+ years experience, that difference is smaller.