



SEARCH



RESOURCES

CONCEPTS

- ✓ 12. Quiz: What Defines A Line? - L...
- ✓ 13. Video: Fitting A Regression Line
- ✓ 14. Text: The Regression Closed F...
- ✓ 15. Screencast: Fitting A Regressio...
- ✓ 16. Video: How to Interpret the Re...
- ✓ 17. Video: Does the Line Fit the Da...
- ✓ 18. Notebook + Quiz: How to Inter...
- ✓ 19. Notebook + Quiz: Regression - ...
- ✓ 20. Notebook + Quiz: Your Turn - ...
- ✓ 21. Video: Recap
- ✓ 22. Text: Recap + Next Steps



Mentor Help

Ask a mentor on our Q&amp;A platform



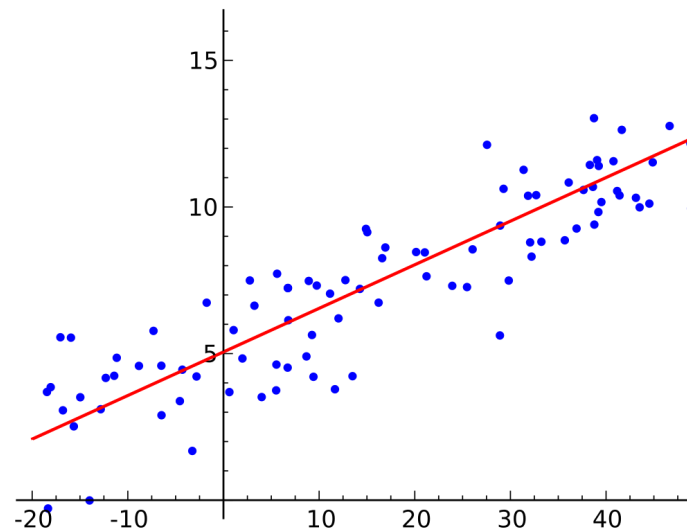
Peer Chat 2

Chat with peers and alumni

### Quiz - Line Basics

For many months, I keep track of the number of hours I work compared to a star rating (where -20 represents 20 total hours of work for the week, and 60 is +60 on top of 100 hours for the week). The hours are represented on the x-axis. On the y-axis, how happy my boss is with me for the same week. The higher this value, the happier I am.

Use this information and the plot to answer the following questions.



#### QUIZ QUESTION

Using the scenario described and the above plot, mark all of the below that are true.

If you work 40 hours per week, we expect your boss to be at a happiness level of approximately 10.

As you work more hours, we expect the happiness of your boss to increase.

☐ Working more causes your boss to become more happy.

For each additional hour worked, we can predict an approximately 0.2 increase in the happiness of your boss.

☐ For each additional hour worked, we can predict approximately a 5 unit increase in the happiness of your boss.