Part 4.9: Using the Graph for Confidence in Predictions
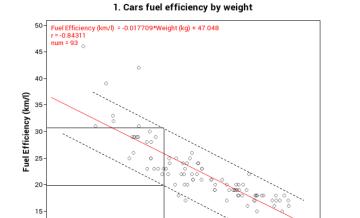
Looking at graph and how the scatter is can give us a good indication as to how reliable our predictions are likely to be, and therefore create an interval that we think our predictions might be in.

If we look at this graph here we can see that most of the points are between the dotted lines (you put these in manually by eye).
If we go back to the prediction that I made earlier... we can't be completely certain a car that weighs 1200kg will have a fuel efficiency of 27 km/l, but we can be reasonably confident that the fuel efficiency for that car will be somewhere between 20 and 31 km/l.

1. Cars fuel efficiency by weight