Scatterplot of ArmSpan vs Height

Example 1/Arm Span and Height for 25 students

Based on the scatterplot describe the relationship between height and arm span Specific questions to address include:

- How would you characterize the arm span for the shorter people in this study?

- How would you characterize the arm span for the taller people in this study?

- Based on the scatterplot, is it always true that if one person is taller that another person, that he/she will have longer arms? Explain.

- Is the plot of the data perfectly linear? Is it generally linear?

- How strong is the relationship between height and arm span?