Study 1 – Complete List of Tasks

Block	Task Nr.	Vis Nr.	Task
1	1	1	At which X-value is the highest Y-value?
	2		What is the Y-value at that X-value?
	3		At which X-value lies is the fourth smallest Y-value?
	4		What is the Y-value difference between those two mentioned values?
	1	6	At which X-value is the smallest Y-value?
	2		What is the Y-value at that X-value?
	3		At which X-value lies the fourth highest Y-value?
	4		What is the Y-value difference between those two mentioned values?
	1	11	At which X-value is the highest Y-value?
	2		What is the Y-value at that X-value?
	3		At which X-value lies the fifth highest Y-value?
	4		What is the Y-value difference between those two mentioned values?
	1	16	At which X-value is the smallest Y-value?
	2		What is the Y-value at that X-value?
	3		At which X-value lies the fifth smallest Y-value?
	4		What is the Y-value difference between those two mentioned values?
	1	21	At which X-value is the smallest Y-value?
	2		What is the Y-value at that X-value?
	3		At which X-value lies the fifth highest Y-value?
	4		What is the Y-value difference between those two mentioned values?
2	1	2	At what X lies an outlier point?
	2		What is the Y-value at that X-value?
	3		What is the smallest Y-value of this line?
	4		How many lines have a smaller Y-value than the last mentioned Y-Value?
	1	7	At what X lies an outlier point?
	2		What is the Y-value at that X-value?
	3		What is the highest Y-value of this line?
	4		How many lines have a higher Y-value than the last mentioned Y-value?
	1	12	At what X lies an outlier point?
	2		What is the Y-value at that X-value?
	3		What is the smallest Y-value of this line?
	4		How many lines have a smaller Y-value than the last mentioned Y-Value?
	1	17	At what X lies an outlier point?
	2		What is the Y-value at that X-value?
	3		What is the highest Y-value of this line?
	4		How many lines have a higher Y-value than the last mentioned Y-value?

	1		At what X lies an outlier point?
	2	22	What is the Y-value at that X-value?
	3		What is the highest Y-value of this line?
	4		How many lines have a higher Y-value than the last mentioned Y-value?
	1		How many lines have a Y-value higher than 45?
	2	3	What is the Y-value range for those lines?
	3		What is the average Y-value for all Y-values of those lines?
	1		How many lines have a Y-value higher than 30?
	2	8	What is the Y-value range for those lines?
	3		What is the average Y-value for all Y-values of those lines?
3	1		How many lines have a Y-value smaller than 15?
	2	13	What is the Y-value range for those lines?
	3		What is the average Y-value for all Y-values of those lines?
	1		How many lines have a Y-value smaller than 5?
	2	18	What is the Y-value range for those lines?
	3		What is the average Y-value for all Y-values of those lines?
	1		How many lines have a Y-value higher than 25?
	2	23	What is the Y-value range for those lines?
	3		What is the average Y-value for all Y-values of those lines?
	1		How many lines have at least three Y-values smaller than 35?
	2	4	At what X-value is the highest Y-value of those lines?
	3		What is the Y-value at that X-value?
	4		What is the average Y-value for all Y-values of all lines?
	1		How many lines have at least three Y-values higher than 35?
	2	9	At what X-value is the smallest Y-value of those lines?
	3		What is the Y-value at that X-value?
	4		What is the average Y-value for all Y-values of all lines?
4	1		How many lines have at least three Y-values higher than 34?
	2	14	At what X-value is the smallest Y-value of those lines?
	3		What is the Y-value at that X-value?
	4		What is the average Y-value for all Y-values of all lines?
	1		How many lines have at least three Y-values higher than 33?
	2	19	At what X-value is the smallest Y-value of those lines?
	3		What is the Y-value at that X-value?
	4		What is the average Y-value for all Y-values of all lines?
	1		How many lines have at least three Y-values higher than 25?
	2	24	At what X-value is the smallest Y-value of those lines?
	3		What is the Y-value at that X-value?
	4		What is the average Y-value for all Y-values of all lines?

Study 2 – Complete List of Tasks

Block	Task Nr.	Vis Nr.	Task
1	1	1	Which lines have at least 3 Y-values between 5 and 10?
	2		At what X-value is the highest Y-value of the selected lines?
	3		What is the Y-value at that X-value?
	4		What is the average Y-value of the line the last Y-value was selected from?
	1	2	Which lines have at least 3 Y-values between 15 and 20?
	2		At what X-value is the highest Y-value of the selected lines?
	3		What is the Y-value at that X-value?
	4		What is the average Y-value of the line the last Y-value was selected from?
	1	3	Which lines have at least 3 Y-values between 5 and 10?
	2		At what X-value is the highest Y-value of the selected lines?
	3		What is the Y-value at that X-value?
	4		What is the average Y-value of the line the last Y-value was selected from?
	1	4	Which lines have at least 3 Y-values between 10 and 15?
	2		At what X-value is the highest Y-value of the selected lines?
	3		What is the Y-value at that X-value?
	4		What is the average Y-value of the line the last Y-value was selected from?
	1	5	Which lines have at least 3 Y-values between 20 and 25?
	2		At what X-value is the highest Y-value of the selected lines?
	3		What is the Y-value at that X-value?
	4		What is the average Y-value of the line the last Y-value was selected from?
	1	6	Which lines have at least 3 Y-values between 40 and 45?
	2		At what X-value is the smallest Y-value of the selected lines?
	3		What is the Y-value at that X-value?
	4		What is the average Y-value of the line the last Y-value was selected from?
	1	7	Which lines have at least 3 Y-values between 25 and 30?
	2		At what X-value is the highest Y-value of the selected lines?
	3		What is the Y-value at that X-value?
	4		What is the average Y-value of the line the last Y-value was selected from?
	1	8	Which lines have at least 3 Y-values between 35 and 42?
	2		At what X-value is the smallest Y-value of the selected lines?
	3		What is the Y-value at that X-value?
	4		What is the average Y-value of the line the last Y-value was selected from?
2	1	9	What is the descending order of all lines according to their highest X-value?
	2		What is the Y-value of the highest line in the sorting at 24?
	3		Of the two highest lines of the sorting, which has the smaller average Y-value?
	4		Of the two smallest lines of the sorting, what is their Y-value range?

1		What is the descending order of all lines according to their highest X-value?
2	10	What is the Y-value of the highest line in the sorting at 17?
3		Of the two highest lines of the sorting, which has the smaller average Y-value?
4		Of the two smallest lines of the sorting, what is their Y-value range?
1		What is the descending order of all lines according to their highest X-value?
2	11	What is the Y-value of the highest line in the sorting at 31?
3		Of the two highest lines of the sorting, which has the smaller average Y-value?
4		Of the two smallest lines of the sorting, what is their Y-value range?
1		What is the descending order of all lines according to their highest X-value?
2	12	What is the Y-value of the highest line in the sorting at 16?
3		Of the two highest lines of the sorting, which has the smaller average Y-value?
4		Of the two smallest lines of the sorting, what is their Y-value range?
1		What is the descending order of all lines according to their smallest Y-value?
2	13	What is the Y-value of the highest line in the sorting at 19?
3		Of the two highest lines of the sorting, which has the smaller average Y-value?
4		Of the two smallest lines of the sorting, what is their Y-value range?
1		What is the descending order of all lines according to their smallest Y-value?
2	14	What is the Y-value of the highest line in the sorting at 16?
3		Of the two highest lines of the sorting, which has the smaller average Y-value?
4		Of the two smallest lines of the sorting, what is their Y-value range?
1		What is the descending order of all lines according to their smallest Y-value?
2	15	What is the Y-value of the highest line in the sorting at 7?
3		Of the two highest lines of the sorting, which has the smaller average Y-value?
4		Of the two smallest lines of the sorting, what is their Y-value range?
1		What is the descending order of all lines according to their smallest Y-value?
2	16	What is the Y-value of the highest line in the sorting at 12?
3		Of the two highest lines of the sorting, which has the smaller average Y-value?
4		Of the two smallest lines of the sorting, what is their Y-value range?
1		At what X-value is the distance of all lines to each other the smallest?
2	17	What is the difference between the highest and the smallest Y-value at that X-value?
3		From the line with the highest Y-value at that X-value, what is its lowest Y-value?
4		Lies the mentioned Y-value lower than the average Y-value of all lines?
1		At what X-value is the distance of all lines to each other the smallest?
2	18	What is the difference between the highest and the smallest Y-value at that X-value?
3		From the line with the highest Y-value at that X-value, what is its lowest Y-value?
4		Lies the mentioned Y-value lower than the average Y-value of all lines?
1		At what X-value is the distance of all lines to each other the smallest?
2	19	What is the difference between the highest and the smallest Y-value at that X-value?
3		From the line with the highest Y-value at that X-value, what is its lowest Y-value?
4		Lies the mentioned Y-value lower than the average Y-value of all lines?
1	20	At what X-value is the distance of all lines to each other the smallest?
2		What is the difference between the highest and the smallest Y-value at that X-value?

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3		From the line with the smallest Y-value at that X-value, what is its highest Y-value?
4		Lies the mentioned Y-value lower than the average Y-value of all lines?
1		At what X-value is the distance of all lines to each other the smallest?
2	21	What is the difference between the highest and the smallest Y-value at that X-value?
3		From the line with the smallest Y-value at that X-value, what is its highest Y-value?
4		Lies the mentioned Y-value lower than the average Y-value of all lines?
1		At what X-value is the distance of all lines to each other the smallest?
2	22	What is the difference between the highest and the smallest Y-value at that X-value?
3		From the line with the smallest Y-value at that X-value, what is its highest Y-value?
4		Lies the mentioned Y-value lower than the average Y-value of all lines?
1		At what X-value is the distance of all lines to each other the smallest?
2	23	What is the difference between the highest and the smallest Y-value at that X-value?
3		From the line with the smallest Y-value at that X-value, what is its highest Y-value?
4		Lies the mentioned Y-value lower than the average Y-value of all lines?
1		At what X-value is the distance of all lines to each other the smallest?
2	24	What is the difference between the highest and the smallest Y-value at that X-value?
3		From the line with the highest Y-value at that X-value, what is its lowest Y-value?
4		Lies the mentioned Y-value lower than the average Y-value of all lines?