Group Member	X	Y	Correlation	correlation coefficient (r)	Explain
Mehmet	quality	fixed acidity	positive correlation	0.120	As fixed acidity increases, quality increases
Mehmet	quality	volatile acidity	negative correlation	-0.390	As volatile acidity increases, quality decreases
Mehmet	quality	citric acid	positive correlation	0.230	As citric acid increases, quality increases
Fabio	quality	residual sugar	positive correlation	0.014	As residual sugar increases, quality increases
Fabio	quality	chlorides	negative correlation	-0.129	As chlorides increases, quality decreases
Fabio	quality	free sulfur dioxide	negative correlation	-0.051	As free sulfur dioxide increases, quality decreases
Fabio	quality	total sulfur dioxide	negative correlation	-0.185	As total sulfur dioxide increases, quality decreases
Tyler	quality	density	negative correlation	-0.175	As wine density increases, quality decreases
Tyler	quality	pH	negative correlation	-0.058	As pH level increases, quality decreases
Tyler	quality	sulphates	positive correlation	0.251	As sulphate level increases, quality increases
Tyler	quality	alcohol	positive correlation	0.476	As alchol level increases, quality increases