



Scatter Plot Relationships

Today's Standard

HSS.ID.B6 - Represent data on two quantitative variables on a scatter plot, and describe how the variables are related.

Cues	Notes
Scatter Plot	Scatter plots represent data points for two quantitative variables.
Quantitative Variables	Quantitative variables are numerical and can be measured.
Linear Relationship	Not all scatter plots show linear relationships; they can be quadratic or exponential.
Correlation	Correlation measures the strength and direction of a relationship between two variables.
Causation	Correlation does not imply causation; two variables can be correlated without one causing the other.

Summary

Scatter plots are used to represent data involving two quantitative variables. They can show various types of relationships, not just linear. Understanding correlation and its distinction from causation is crucial.