



Identifying patterns - Lesson overview





Learning objectives:


- Understand the concept of the line of best fit and its role in identifying trends and relationships between variables.
- Know how to use the equation of the line to make predictions and inform future decisions.
- Analyse the slope and y-intercept variables to assess the nature and strength of the relationship between variables.
- Evaluate correlation coefficients to determine the strength of the linear relationship between two variables.
- Interpret the R-squared value to evaluate the goodness of fit of the line of best fit and its representation of the data.
- Utilise scatter plots, conditional formatting, and heatmaps to visualise relationships between variables, identify patterns, and evaluate the line of best fit.

 **Video**

 **Knowledge questions**

 **Slide deck**

 **Reference card**

 **Walk-through**

