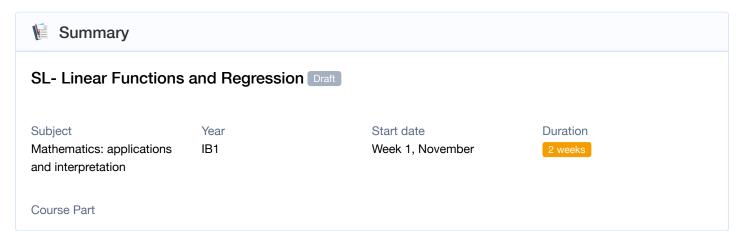
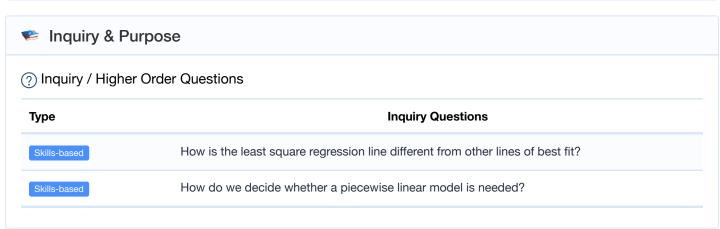


Deira International School

IB DP HL Applications and Interpretations HL (IB1)







Aims

Appreciate how developments in technology and mathematics influence each other

♦ Objectives

Technology: Use technology accurately, appropriately and efficiently both to explore new ideas and to solve problems.

Syllabus Content

Topic 4: Statistics and probability

SL Content

SL 4.4

Linear correlation of bivariate data.

Pearson's product-moment correlation coefficient, r.

Scatter diagrams; lines of best fit, by eye, passing through the mean point.

Equation of the regression line of y on x.



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Use of the equation of the regression line for prediction purposes.

Interpret the meaning of the parameters, a and b, in a linear regression y = ax + b.



ATL Skills



Approaches to Learning



Thinking

- In this unit, we will

ask open questions

set students a task which required higher-order thinking skills (such as analysis or evaluation)

build on a specific prior task



Developing IB Learners



☆ Learner Profile



Inquirers



Knowledgeable



Thinkers