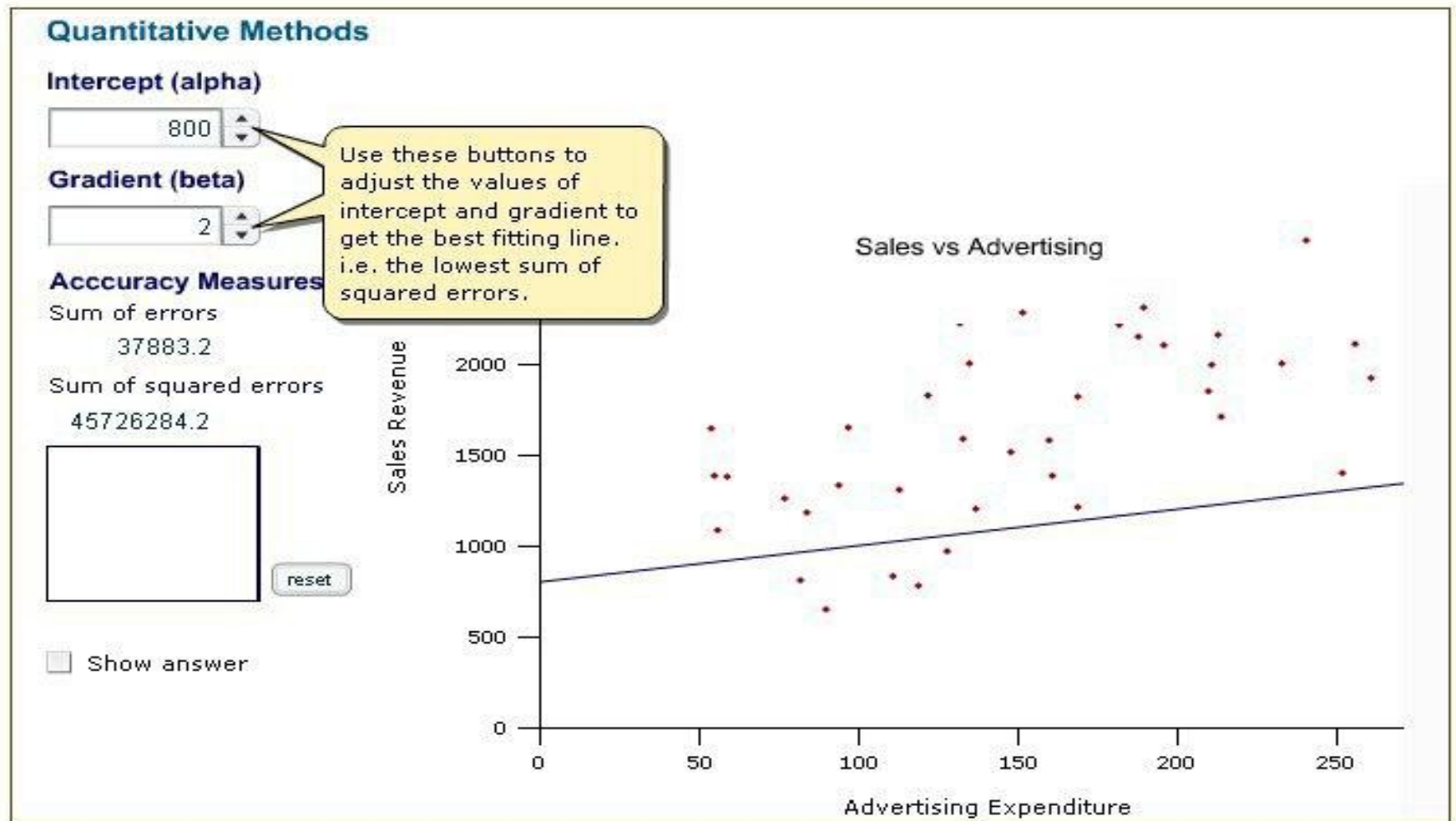# Types of digital learning

**Digital learning is** any type of learning that is facilitated by technology or by instructional practice that makes effective use of technology.

# 1. Simulation

- This resource aids teacher's explanation, and allows learners to test out their ideas and experiment.



**Quantitative Methods**

**Intercept (alpha)**

800

**Gradient (beta)**

2

Use these buttons to adjust the values of intercept and gradient to get the best fitting line. i.e. the lowest sum of squared errors.

**Acccuracy Measures**

Sum of errors

37883.2

Sum of squared errors

45726284.2

reset

☐ Show answer

Sales vs Advertising

Sales Revenue

Advertising Expenditure

# 2. Animation

- This can demonstrate processes which are difficult to describe or show in two dimensions.



PHASE 1: New Moon — 00°

PHASE 2: Waxing Crescent Moon — 45°

PHASE 3: First Quarter Moon — 90°

# 3. Quiz:

- This allow learners to test their own understanding and gain feedback promptly.

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**Differentiation and optimization Quiz**

Pre-study Mathematics

**4**

If $y = 2x^2 - 8x + 4$   Then the stationary point $(x, y)$ is

- ○ (2,-4)
- ○ (-2,-4)
- ○ (2,4)
- ○ (-2,4)

Submit answer

**Show me feedback..**

- ● after each question
- ○ at the end of exercise

◁ | 4 | ▷

☐ 1
☐ 2
☐ 3
☐ 4

Show my score

# 4. Electronic textbook

- All learners can access a copy of the relevant resources.

**Plagiarism - key terms** | 🕐 1:00

The text below will introduce you to concepts related to avoiding plagiarism.

## Plagiarism

As described in the pages previously, plagiarism means gaining an unfair advantage over your fellow students through representing work produced by others, as your own. This can be done accidentally or intentionally. Make yourself familiar with the policy in your institution.

## Quote

Using quotation marks indicates that you have used the exact words of an author. When referencing the quote, include the exact page number in the citation as this will tell your reader where to go to find these words.

## Your words

It can seem like your tutors are asking you to do a contradictory and difficult thing: put forward your own argument, but base it on the evidence of others. The way in which your work will be read is that everything comes from you unless a source is specified. If you do not explicitly say where it comes from, you are presenting it as your own.

## Paraphrase

When you paraphrase you put someone else's idea down in your own words. You keep the meaning the same as the original, but you need to change the vocabulary and structure. Also, remember that you must provide a source for a paraphrase - this is essential.

# 5. Learning object

- This resource has been designed to meet specified learning outcomes and can be incorporated into and reused in a range of learning materials.