Yr 12 Recommended study topics:

Chapters 1 & 2 from the text book.

- Row & column percentages
- Form, strength & direction of relationship
  - +ve or ¯ve
  - strong, moderate, weak
  - linear, non-linear, curved, no relationship.
- Causal or not.
  - does the change in x cause the change in y?
- correlation co-efficient r
- co-efficient of determination r^2 — %.

- r_{xy} y on x

  r_{yx} x on y

- create scattergraphs
- line of least squares regression, regression line, line of best fit. $y = ax + b$
- graph it.   gradient y intercept

- residuals & residual plots.

- interpolation — within data ~~any~~ range

- extrapolation — outside the data range
  — ~~unreli~~ unreliable.