This module shows how to analyse data using LINQ.

Mean – the average

Median – the middle value. Useful for ignoring outlier values.

Mode – the number that occurs the most

Totaling is one form of data. Use the LINQ sum method that takes a Selector to sum on a property.

Decimal theSum = theList.Sum( x => x.propertyToTotal)

GroupBy

* Single property. Group data based on a single property
* Multiple properties
* Parent property. E.G. the object type. Person, Customer, Employee.