

# Sample Calculations

Last Modified on 03/04/2019 2:58 pm AEDT

## Date Manipulation

Returns the Month of when a record was created.

```
DatePart(Month, [Created Date], getdate())
```

## Assessing Relationships

Returns the of name of the organisation that a person works for.

```
[Contact].[Organisation]
```

## Categorising Data

Returns whether a person is an adult or child.

```
iif([Age] > 17, 'Adult', 'Child')
```

## Date and Time Differences

Calculates the difference between when a Task record was created and the current date, only when the Task status is not completed. Otherwise it returns null.

```
iif([Task Status] <> 'Completed', Datediff(day, [Created Date], getdate()),  
null)
```

## Maximum Age

Finds the maximum field value for given a set of data.

```
Max([Age])
```

## Text Manipulation

Returns the person's name from an email address.

```
LEFT([Business Email],charindex('@',[Business Email]) - 1)
```

## Conditional Count

Returns a count of the number of textbooks that are only e-books.

```
Count([Textbooks] where [E-book] = true)
```

## Sum with Conditions

Returns sum of the cost of textbooks that are only e-books

```
sum([Textbooks] where [E-book]=true).[Purchase Price]
```

## Variables

Using a variable in a calculation

```
Let a = [Start Date] SELECT  
iif(a>getdate(),'Future','Past')
```

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