# Power BI DAX – Calculated Columns & Measures

## Calculated Column – AgeBin

```
AgeBin =
SWITCH(
    TRUE(),
    'Employee Data 2018 - 2019'[Age] < 25, "Under 25",
    'Employee Data 2018 - 2019'[Age] >= 25 && 'Employee Data 2018 - 2019'[Age] <= 34, "25–34",
    'Employee Data 2018 - 2019'[Age] >= 35 && 'Employee Data 2018 - 2019'[Age] <= 44, "35–44",
    'Employee Data 2018 - 2019'[Age] >= 45 && 'Employee Data 2018 - 2019'[Age] <= 54, "45–54",
    'Employee Data 2018 - 2019'[Age] >= 55, "55+"
)
```

## Convert Date to DateTime

```
DateTime =
DATEVALUE('Attrition Rates'[date])
```

## Measures

### *TotalEmployees*

```
TotalEmployees =
DISTINCTCOUNT('Employee Data 2018 - 2019'[EmployeeID])
```

### *ActiveEmployees*

```
ActiveEmployees =
CALCULATE(
    [TotalEmployees],
    'Employee Data 2018 - 2019'[Attrition] = "No"
)
```

### *InactiveEmployees*

```
InactiveEmployees =
CALCULATE(
    [TotalEmployees],
    'Employee Data 2018 - 2019'[Attrition] = "Yes"
)
```

### *%Attrition*

```
%Attrition =
DIVIDE(
    [InactiveEmployees],
    [TotalEmployees],
    0
)
```