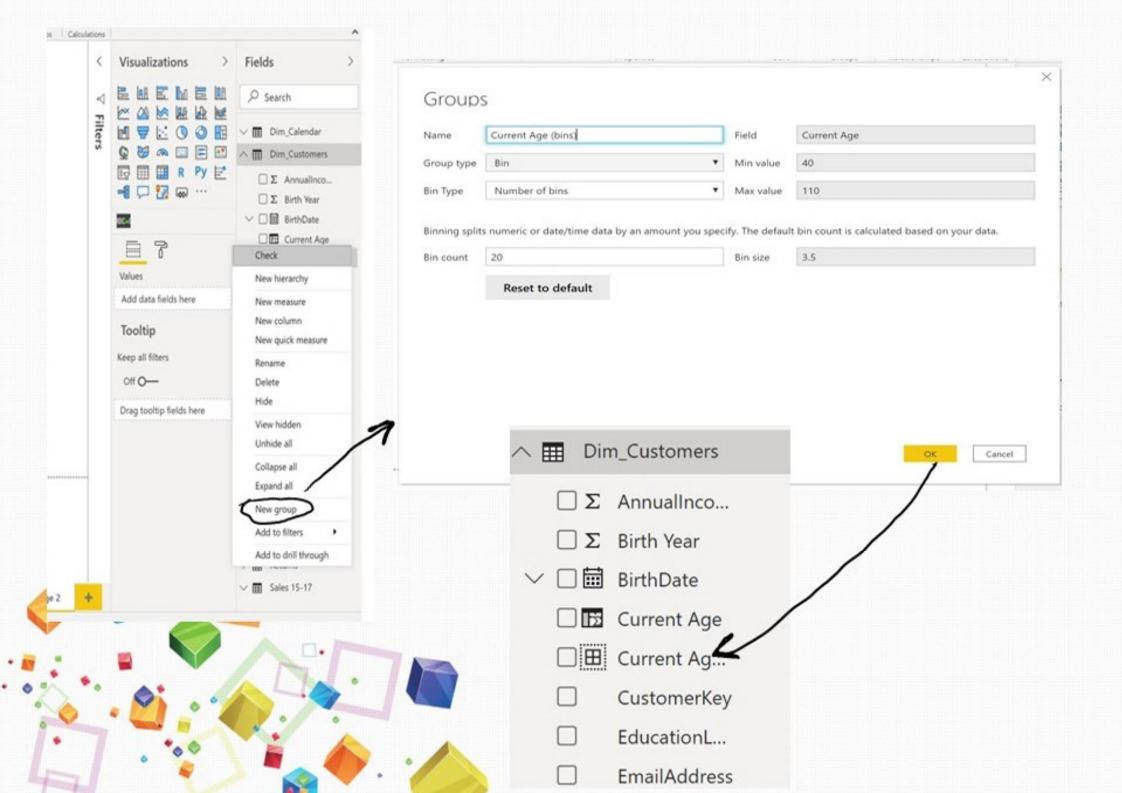# Bins in Power BI

What are Bins

- With Bins you can bucket your numeric data or time series data. Bins gives you the flexibility of dividing the number field into a particular bin size defined by you.

Steps to create a Bin

- Go to a numeric field --- > right click --- >New group
- This will open a new window where you can define the bin size.

- Use case – See which age group do our maximum customers fall in Adventure works data.

Visualizations

Fields

Search

∨ ▥ Dim_Calendar

∧ ▥ Dim_Customers

☐ Σ AnnualInco...

☐ Σ Birth Year

∨ ☐▥ BirthDate

☐▥ Current Age

Check
New hierarchy
New measure
New column
New quick measure
Rename
Delete
Hide
View hidden
Unhide all
Collapse all
Expand all
New group
Add to filters ▶
Add to drill through

Filters

Values

Add data fields here

Tooltip

Keep all filters

Off ○—

Drag tooltip fields here

∨ ▥ Sales 15-17

ge 2 ✚

Groups

Name	Current Age (bins)	Field	Current Age
Group type	Bin ▼	Min value	40
Bin Type	Number of bins ▼	Max value	110

Binning splits numeric or date/time data by an amount you specify. The default bin count is calculated based on your data.

Bin count	20	Bin size	3.5

Reset to default

∧ ▦ Dim_Customers

☐ Σ AnnualInco...

☐ Σ Birth Year

∨ ☐▦ BirthDate

☐▦ Current Age

☐▦ Current Ag...

☐ CustomerKey

☐ EducationL...

☐ EmailAddress

OK   Cancel

Full Name	BirthDate	Current Age
Abby Rana	24 April 1961	59
Adriana Gonzalez	18 July 1946	74
Aidan Hayes	14 April 1936	84
Alejandro Beck	23 December 1945	75
Alexa Cox	10 May 1945	75
Alexa Watson	25 August 1977	43
Alexander Jackson	14 May 1958	62
Alexandra Evans	22 February 1964	56
Alexandria Stewart	07 March 1941	79
Alisha Liu	13 March 1972	48
Alisha Shan	13 July 1970	50
Amanda Perry	26 March 1966	54
Andrea Wright	21 August 1971	49
Angela Butler	04 August 1966	54
Angela Perry	27 June 1973	47
Anna Griffin	19 November 1952	68
Anna Murphy	22 October 1975	45
Arthur Rodriguez	11 March 1947	73
Barbara Ma	05 May 1979	41
Barry Perez	14 September 1967	53
Benjamin Jackson	25 June 1968	52
Brandon Kumar	05 October 1958	62
Brett Gonzalez	11 December 1948	72
Brianna Wood	02 January 1950	70
Candice Chow	13 November 1959	61
Caroline Bryant	08 May 1964	56
Casey Anand	13 September 1976	44
Catherine Ward	13 July 1962	58
Cedric Chen	27 April 1966	54
Cesar Subram	09 October 1978	42

Count of CustomerKey by Current Age (bins)

- Similarly, if you have a data having a time column in Minutes; you can group it in Hours.

- So, I once had a data which was at hour level and there was a shift change every 4 hours. So I had used a bin to create a batch size and their effort estimate.