

unique customers, products or any other unique entitles it a dodaset 3 Segnitax: DISTINCT COUNTE COLUMN>] : ABBOATUA MAXIMON ART TO GO THE SHOW SHOW THE CONTROL returns the largest numerical value in a column 2 maria On Hayar V clash appropriate has Byntax: MAX [< columns] Formulos 21 ABMABBUS LADINE returns the largest value in a column, but it can MAXA! handle both. I numeric and non-numeric data types including text, legical values and blanks Syntax: MAXA [columns] Axama MAXX: But a at a word to partie of the same of the most evaluals an expression for each row of a table and returns the largest numerical value. useful when you need to apply a calculation to each now before trinding the maximum value. 63 Symtax: MAXX [, < expression>] A sales table with columns quantity, Price and Discount Find maximum revenue after discount. Max. Revenue = MAXX[salus, sales[quantity]* Salus[Price]* [[truosia] ales -1)

ANERAGIE : returns the arithmetic mean [average] of the the numeric values in a column Sympan: AVERAGE (coalimn=) 3 3 50 AVERAGIEA: return the anistrmetic mean of the values in 53 a calumn; treating TRUE as 1; FALSE as 0 U except for BLANKS and ignoring text 4 (spholos + 1 xA14 : mornie Syntax: AVERAGREA [< columns] AVERAGEX: moreles o or relow topical with arrest or ealculates the average of an expression evaluated for Jeach new of a table Syntax: AVERAGIEX [, cexpression>] COUNTROWS return the count of number of rows in a table syntax: (countrous ([]) morning to perfect at their well arrived there Supress MAXX [+ Lable ? coppe ing of plannes immedos abies part aft 4 windles with water considering limit 12 June 2 of a process July to Line June 1 200 June 1 2 pulse 200 to 100 to 100

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Date and Time Functionsare essential for transpulating and analysis date and time data, performing calculations based on dates, and creating meaningful trisights in Power BI Unumer of U Estab CALENDAR : generates a date table from a specified start date to a O specified and date ? Control: The control over the exact range of dates by specifying the shart and end dates. Hexibility less flexible since you need to manually 3 3 Uset the start and end dates. Ficial Year support: Does not have built in support for tiscal year-end specification. word with me a lepane quinimonds of Synton: CALENDARC (Stant_date), <erd_date>] Examply: CALENDAR [DATE [2029, 1, 1], DATE [2024, 12, 31]] 3 tours minutes in the borrisage at writer Scenario: Used to creat a custom data table, which is essential for time- based ealculations and analysis. CATALOGICA COOSER 1 17AA . COOLER D CALENDAR AUTO: (08 d. +500) 31AC : 223 most automatically generals a date table based on the minimum and maximum dates in the model. Contral: less control over the exact vange of dates as it adapts to the dada in the model Flexibility! More Hexible because it automatically adjust to the date range present in the data model. -

Fiscal Year Support: Allacus specifying a fiscal year end month, which about the dates range acordingly. in stand of Continuous produces can quickly generally a date table without specify dates oranually. Syndax: (ALENDARAUTO [CAScal-year-end-month) Example: CALENDAR AUTOCG) 1/ Adjusts for fiscal year ending in Juno counts in but tude in scenario: Useful when the date range is not known in advance or when you want the day table to dynamically gradet to the data model. DATE 1. U.S. 3 TACK . [] (+ 150 c) 3 [ACT 7 9 ACM 3 14) 1 13 Acm 23 returns the specified date in datetime format Used to create a date from individual year, month and day components: Symbols: DATF(<year>, < month>, < day>] Example: DATE [2024, 6, 30] DATEDIFF: Butch countries by by mumicula returns the number of Interval boundaries between two dates in the sale of extress is no Useful for calculating the difference between two dates in terms of days, months, years etc.

YOUVA Symlax: DATEDIFF[colort_dati>, < end-dati>, < interval>] annoth their some of the strong of Example: DATEDIFF [Order (Order Date), Delivery Coelivery Date), DAY I MAN [= 000=] HIMOM + 2017118 converts a dall in the form of text to a dall in dateline format. DATEVALUE: To convert day strings to datetime values for further calculations. Syntax: DATEVALUE (< date -text>] 1 0.0000 open sprint what Use case: convert a date etning from a CSV import to a datetime value. Example: DATEVALUE ["2024-16-30"] WODANN) SHOULD FRANK & DEMOND 1 9379478 DAY: returns the day of the month, a number from 1 to 31 component from a data Bob 2] 937 9 AO(3 / YES 1128 [<stab>] XAQ · Extracting the day part of a transaction 3 - 10 km #3

Framper: DAX [Fransaction [transaction Date]]

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MONTH WE HAMMED & CONSTRUCTION THAT THE SHOPE Returns the month as a number from 1 (January) to 12 [December] 1 1 1000 1 1000 1 1219 1101 1101

Extracts the month companient from a data

[< utab>] HTMOM , MONTH [<date>]

Extrating the month part of a sale date Example: MONTH [sales [sale Date]]

YEAR !

returns the year of a date as a four-diget integer to the range 1900-9999.

Syntax: YEAR [<dati>] sules mileto

Extracting the year part of a hire date. Example & YEAR CEMPLOYEE (HIREDate)]

QUARTER!

Returns the quarter as a number from 1 to 4

Syndax: QUARTER [<dal1>]

Salotos 1 VAT - 1 motorus Determining the quarter in which of sale was made Example: UpvARTER [Sales [Sale Date]] mennet I with meneral year a colours?

to be a more transfers to be wit stroyte

Return the hour as a number from O [12:00AM] to 23 CII: OOM I was about the contra at the

used to extract the hour component from a time value, which can be useful in the based analysis. Comm states I au 5739 : 20 mgs

Use Case: Analysing the distribution of transactions across different hours of the day

Example: HOUR [Transaction [Transaction Time]] (if transaction time is 14:85:20", this retains 14)

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Return the minute as a number from 0 to 59 used to extract the minute component from a time value for detailed time analysis man

Use Case: Determining the minute part of a timestamp for detailed logging or monitoring purposes.

Example: MINUTE [Transaction Ctraction Time]

(if transaction thre is "14:85:20", this roturn 35)

SECOND: Returns the seconds of a time value as a number from 0 to 59. used to extract the seconds component from a time 13 value useful in precise-time-based analysis. franch - some ori to low as now rould . surer 5 [<emit stab>) QHO) 32 : xerrys 50 5 Use Case: Extracting the second part of a timestamp 5 for high decession togging. 6 1 Example: SELOND [transaction [Transaction time]] 6 (IF transaction time is "14:35:20", this returns 20) mill a companied I wilderenor Jacon : ofmics A TODAY : WATER "OSTER HIS TO STORE WHO DECENTED IN TO description: returns the current date. verted for calculations that require the current date such as aging analysis on daily reports. some a most desirations of the samples of Syntax: TODAY () Syntax: (XADOT SKETCH) use case: (alulating the number of days since a specific 1 event. The cost of the sturing off primary : 300 320 Example: TODAYET, 100 march bedienes cif today is June 24,2024, this returns 2024-06-24 MOW: 18 22:01 2 and nother most Returns the current date and time used for valculations that enequipme both the unvert date and time, such as real-time monitoring

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Syntox: MOWEJ

Use Case: Determining the exact timestamp of the latest data retresti

TIME: CENTRE METERS OF CHARLES I MASHETTER I RESTORD

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Converts hours, minutes and seconds given as numbers to a time in datetime format.

verue for constructing time values from separate hour, minute and second components.

syntax: TIME [<hour>, <minute>, <seconds>]

Use case: creating a time value for a efecific event

Example: TIME [14, 35, 20]

TIMEVALUE :

Converts a time in text format to a time in a datetime

(estat anutors, entry) MULLIANS (extens tops)

Useful for conventing time strings from data imports into datetime format for analysis

Syntax: TIMEVALUE [<time_value>]

Use case: converting of time string from a csv impart to a datatime value.

Example: TIMEVALUE ["14:85:20"]

// Returns 14:35:20

LO returns the day of the week for a given date value. It I can return a number from 1 to 7, where the number corresponds to a specific day of week syntax: WEEKDAY (<dals), <return-type>) a from an majo abrosso beto assure Frample: WEEKDAY (cordens [Order Date], 1) 1 (return a number from 11 sunday) to 7 40 isaturday) for each date) 6 Prepares . return sensis 1 3/45 : 200 Lines WEEKNUM neturns the weeknumber for a given date valle. This function helps find which week of the year a particular date falls into Syntax: WEEKNUM (<data>, <return_tyte>) 1 Example: WEEKNUM (Orders [Order Dati]; 1) Total Control literums the week number for each date, assuming weeks stood on sunday) at primary you is more million Casalar anisa 1 KISAV 2417 Castala METWORKDAYS return the number of whole warkdays between two dates, excluding weekends and holidays. This is useful for calculating business days between two dates and the state of the said syntax: NETWORKDAYS (< start-date > , < end_date > , < weekend > , (holidays>])

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