“What is the purpose of the MODE function in Google Sheets?”

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The MODE function in Google Sheets is used to find the most frequently occurring value in a range of data. This allows users to quickly and accurately determine the most common value in a set of data, which can be useful for various statistical and analytical purposes. It provides a convenient and efficient way to analyze data and identify trends or patterns. By using the MODE function, users can save time and effort in manually sorting and counting data, making it a valuable tool for data analysis in Google Sheets.

Google Sheets MODE Function

MODE Function

The **MODE** function is a premade function in Google Sheets, which is used to find the most common value(s).

There are two versions, which are typed `MODE.SNGL` or `MODE.MULT` that gets a list of cells:

=MODE.SNGL(**value1**,)

=MODE.MULT(**value1**,)

You can select cells one by one, but also ranges, or even multiple ranges.

`MODE.SNGL` does the same as `MODE` and returns **only one value** (picking the first it finds).

`MODE.MULT` returns multiple values if there are more than one that is the most common.

Note: The mode is a type of average value, which describes where most of the data is located. You can read more about mode in the Statistics Mode Chapter.

Note: The mode functions work with both text values and numbers.

Let's have a look at some examples!

Mode Function Example (SNGL)

Find the most common number of all the different Pokeballs in the trainers' inventories.

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	A	B	C	D	E	F
1	**Trainer**	**Pokeball**	**Great Ball**	**Ultraball**	**Master Ball**	
2	Iva	10	4	1	1	
3	Liam	12	3	0	1	
4	Jenny	15	1	3	1	
5	Iben	12	2	6	0	
6	Adora	10	4	1	1	
7	Kasper	9	2	1	0	
8						
9	MODE					
10						

The **MODE.SNGL** function, step by step:

Select the cell `B9`Type `=MODE`Click the **MODE.SNGL** command

	A	B	C	D	E	F
1	**Trainer**	**Pokeball**	**Great Ball**	**Ultraball**	**Master Ball**	
2	Iva	10	4	1	1	
3	Liam	12	3	0	1	
4	Jenny	15	1	3	1	
5	Iben	12	2	6	0	
6	Adora	10	4	1	1	
7	Kasper	9	2	1	0	
8						
9	MODE	=MODE				
10		MODE(B2:B7)				
11		MODE				
12		MODE.MULT				
13		MODE.SNGL				
14		Most commonly occurring value in a dataset.				
15						

Specify the range `B2:E7` for all the different types of PokeballsHit enter

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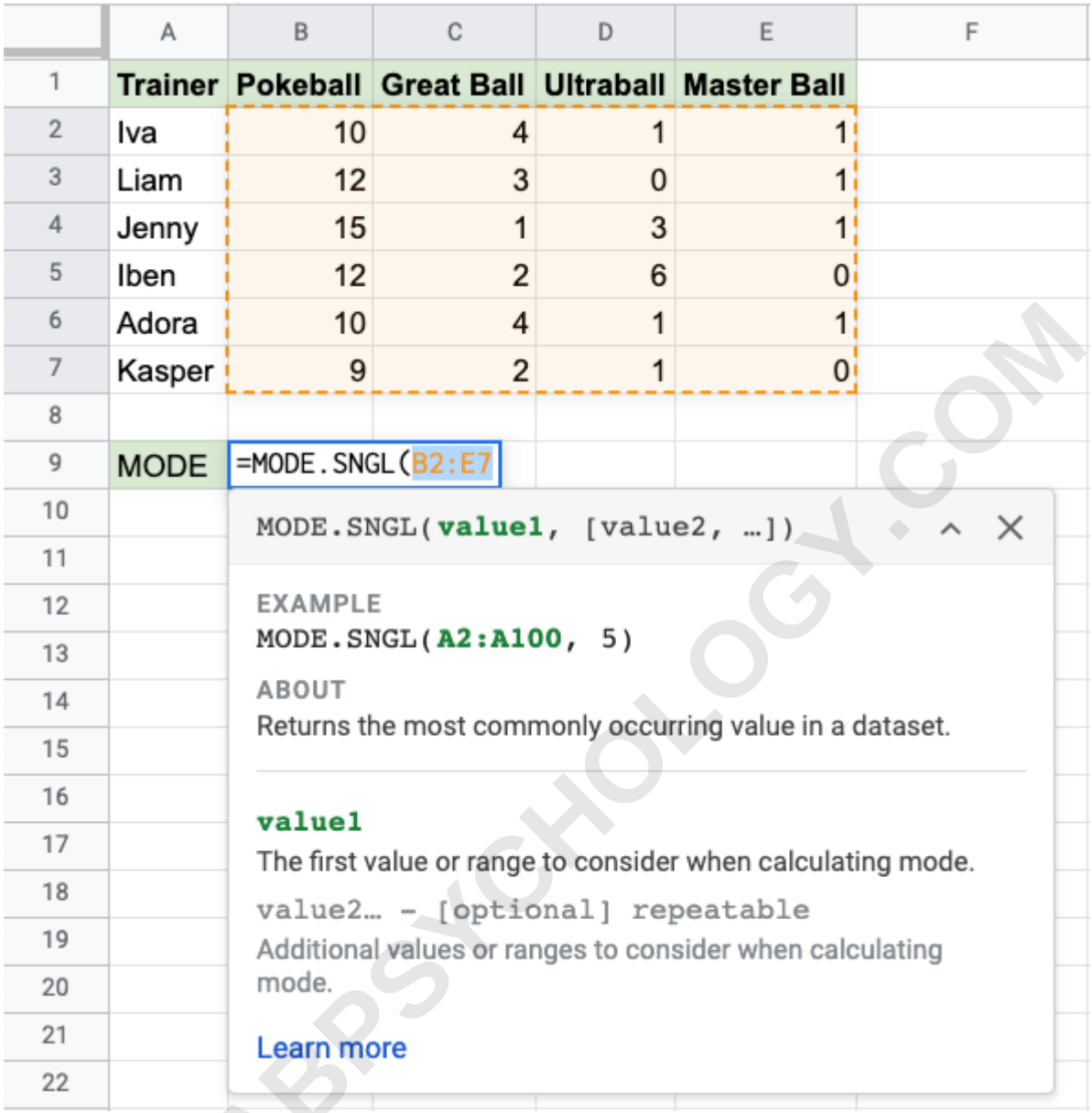

Now, the function returns the most common value in the range:

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	A	B	C	D	E	F
1	**Trainer**	**Pokeball**	**Great Ball**	**Ultraball**	**Master Ball**	
2	Iva	10	4	1	1	
3	Liam	12	3	0	1	
4	Jenny	15	1	3	1	
5	Iben	12	2	6	0	
6	Adora	10	4	1	1	
7	Kasper	9	2	1	0	
8						
9	MODE	1				
10						

It returns the number `1` which is seen 7 times. The closest number to it is `3` and `4` which are seen 3 times each.

Mode Function Example (MULT)

Find the most common number of Pokeballs in the trainers' inventories.

	A	B	C
1	**Trainer**	**Pokeball**	
2	Iva	10	
3	Liam	12	
4	Jenny	15	
5	Iben	12	
6	Adora	10	
7	Kasper	9	
8			
9	MODE		
10			

The **MODE.MULT** function, step by step:

Select the cell `B9`Type `=MODE`Click the **MODE.MULT** command

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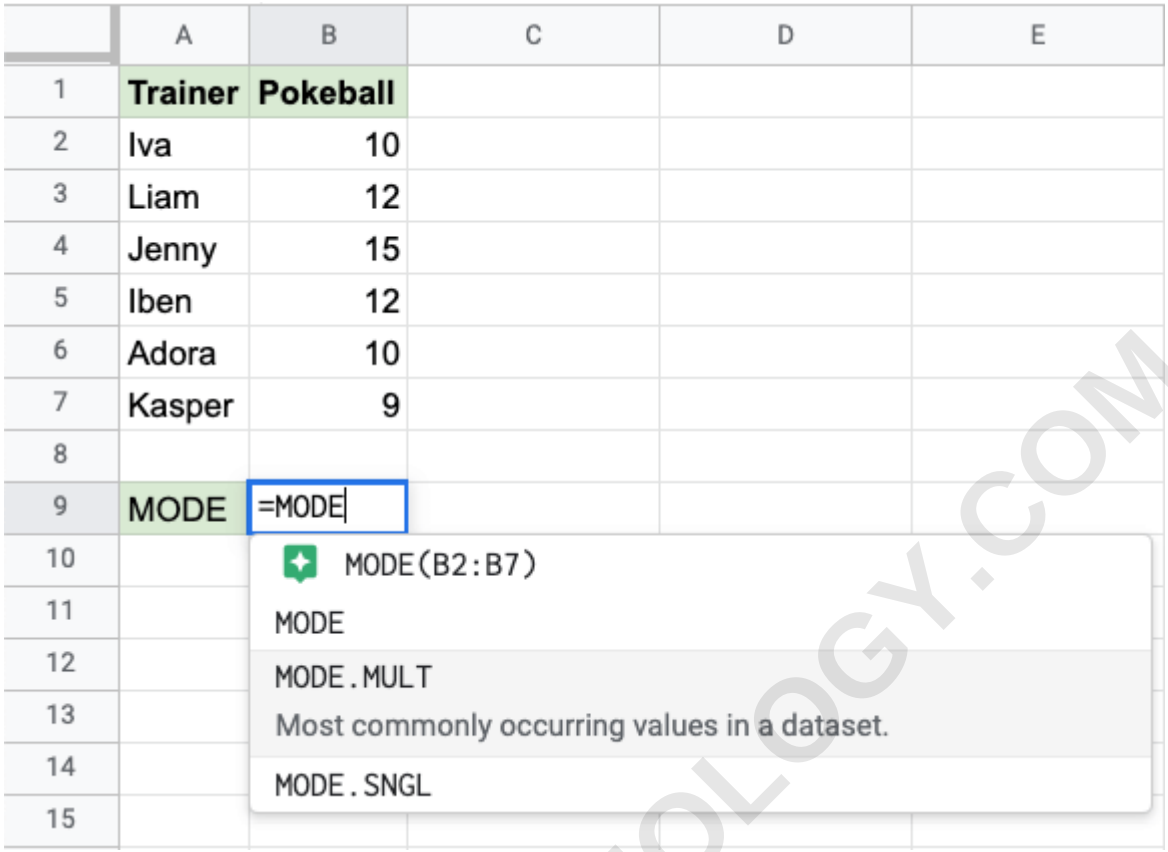

Specify the range `B2:B7` for the PokeballsHit enter

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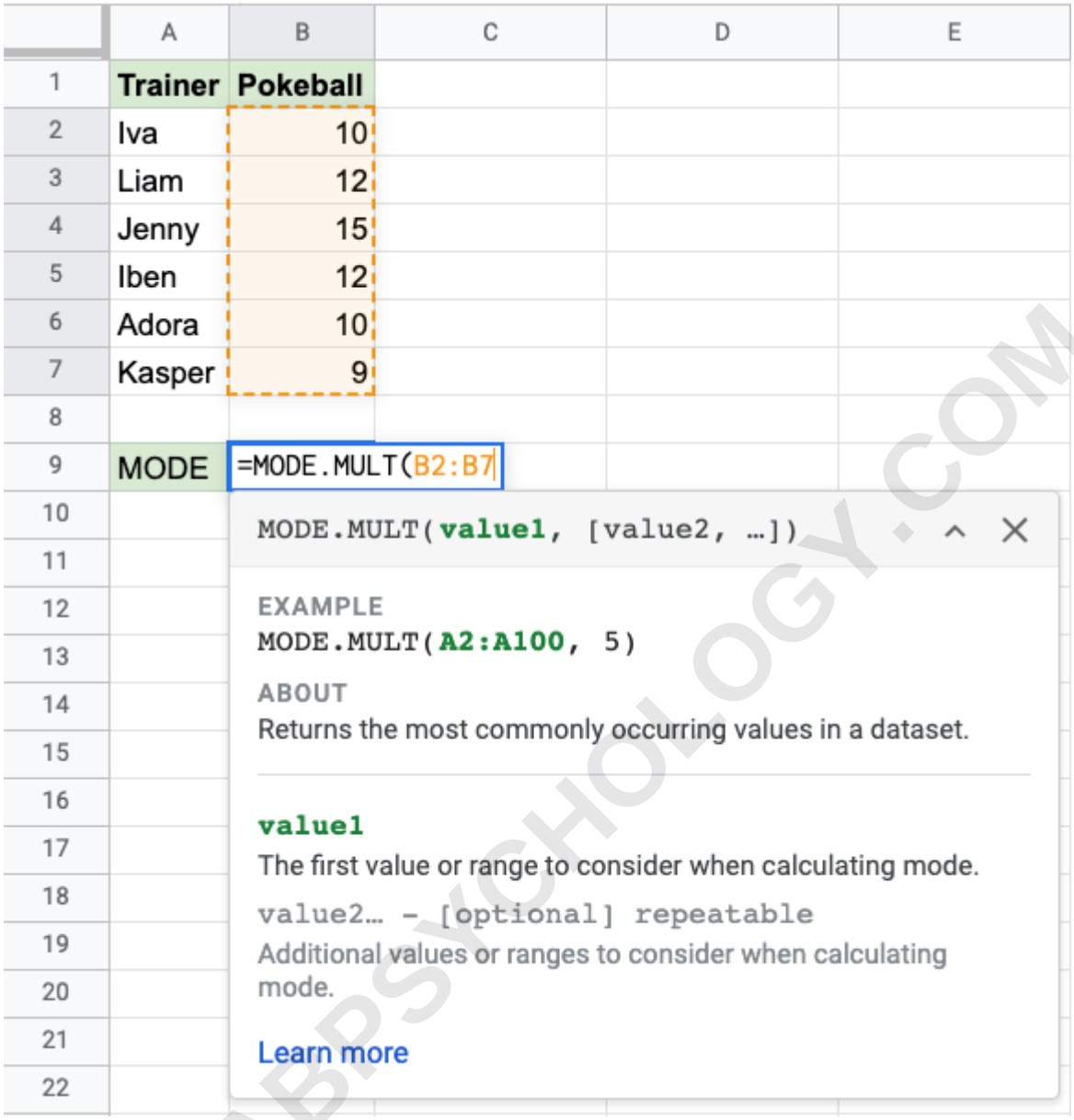

Now, the function returns the most common **values** in the range:

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	A	B	C
1	**Trainer**	**Pokeball**	
2	Iva	10	
3	Liam	12	
4	Jenny	15	
5	Iben	12	
6	Adora	10	
7	Kasper	9	
8			
9	MODE	10	
10		12	
11			

It returns the number `10` in the first cell (`B9`) and the number `12` in the second cell (`B10`). Both 10 and 12 are seen twice, which is more than any of the other values.

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