

# Excel UNIQUE Function

The UNIQUE function returns a list of unique values from a range or array. It extracts distinct values from text, numbers, dates, and more.



by **Excel Training London**



# Purpose and Syntax

1

## Purpose

Extract unique values from a range

2

## Return Value

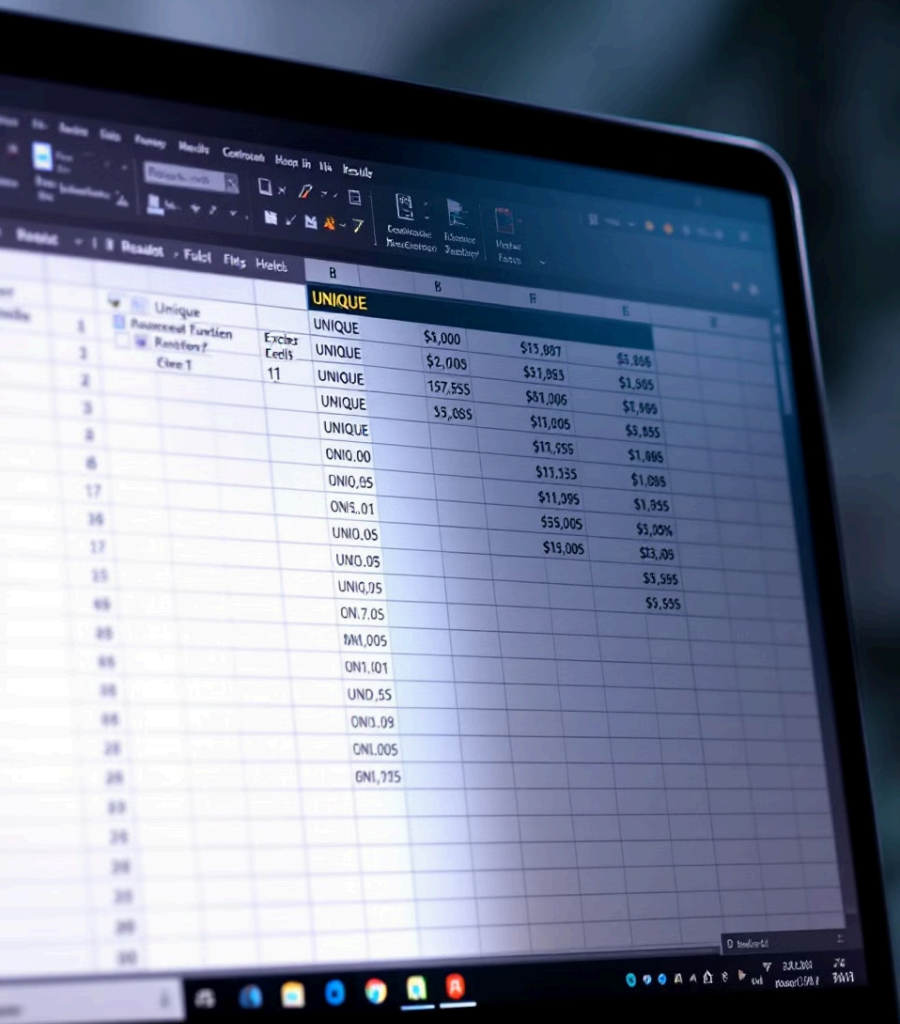
Array of unique values

3

## Syntax

=UNIQUE(array,[by\_col],[exactly\_once])

# How to Use UNIQUE



1

## Select Range

Choose the array or range to extract unique values from

2

## Apply Function

Use =UNIQUE(range) in a cell

3

## Results Spill

Unique values automatically fill adjacent cells

# Optional Arguments

## `by_col`

TRUE: Extract unique columns

FALSE: Extract unique rows (default)

## `exactly_once`

TRUE: Values appearing only once

FALSE: All unique values (default)

# Basic Example

```
=UNIQUE({"A";"B";"C";"A";"B"})
// returns {"A";"B";"C"}
```

## Input

A, B, C, A, B

## Output

A, B, C

## Range Example

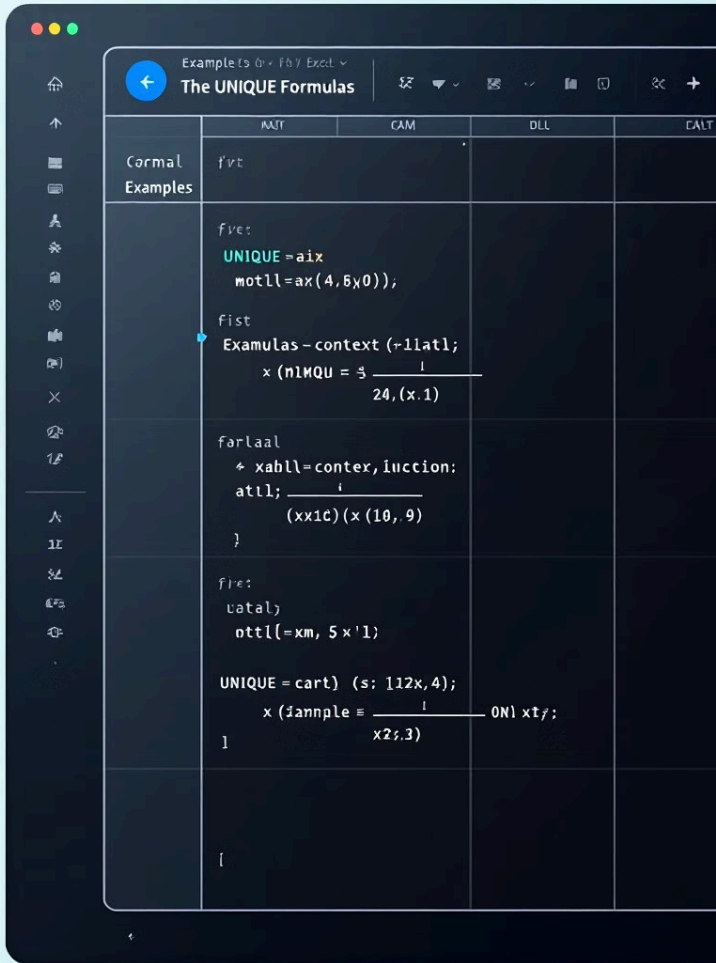
```
=UNIQUE(A1:A10)
```

← Name A **UNIQUE** ↗ New ★ Fumrwation C ↻ X

1 **UNIQUE function theexcel**

2 Data a Data Column

M		A	B	C	D	C
	<b>Data A</b>	Unique in Data	UNIQUE	CUMIN	UNIQUE	OUTUP
		Contrputicā A)	Column	Farmula	Cotrputiion	Cutrputiion
2	Distabase	10 + 09.09.90	31.5	80.0	5	5
3	Outtque	10 + 15.03.80	50.7	5.90	5.5	8
6	UnlQue fumcal	10 + 15.03.95	30.0	30.0	5	5
4	Formila	\$6.7 = (301)	\$5.75	\$5.75		
3	Dataltive	\$5.9 × (201)	\$6.13	\$1.25		
3	Outtqle Dalin	\$6.5 × (201)	\$5.55	\$1.75		
4	Dataltions	\$1.6 × (2015)	\$6.65	\$1.35		
5	Datquts	\$0.6 × (2019)	\$5.75	\$1.15		
5	Oataltive	\$6.6 × (2019)	\$5.60	\$5.10		
5	Oataltive	\$1.6 × (2019)	\$6.66	\$1.97		
6	Dataltbase	\$1.6 = (2015)	\$7.06	\$1.78		
7	Datalove	11.0 × (2015)	\$6.56	11.75		
8	Fimule Data	\$0.6 × (207)	\$1.76	\$1.79		
11	Dataltions	\$0.7 = (2019)	\$6.45	10.15		
11	Outtqve	\$0.6 × (2014)	\$8.75	\$5.09		
18	Pcrminiques	\$0.7 = (201)	\$5.55	11.99		
10	Dataluve	\$5.4 × (2015)	\$5.07	\$1.07		
17	Dataltive	\$5.9 = (201)	\$5.75	\$3.15		
18	Detaltive	\$5.5 × (201)	\$9.75	\$1.95		
10	Uniqle Data	\$5.8 × (2015)	5.95	\$0.04		
12	Outtain Me	\$6.6 × (201)	\$9.75	\$0.01		
13	Enituln Data	60.6 × (201)	\$1.25	\$1.17		



# Advanced Usage

1

By Column

=UNIQUE({1,1,2,2,3},1) returns {1,2,3}

2

Exactly Once

=UNIQUE({1;1;2;2;3},,1) returns {3}

3

With Criteria

=UNIQUE(FILTER(rng1,rng2=A1))



# Key Features



## Dynamic Array

Results update automatically when source data changes



## Case-Insensitive

Treats "APPLE", "Apple", and "apple" as the same



## Flexible Filtering

Can be combined with FILTER for advanced criteria

# Related Functions



## FILTER

Extract matching values based on conditions

SORT

## SORT

Sort contents of a range or array



## SORTBY

Sort contents based on another range or array