

# ? How can I use the MDETERM function in Google Sheets?

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July 1, 2024

## RECOMMENDED CITATION

stats writer (2024). ? How can I use the MDETERM function in Google Sheets?.  
PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=164403>

The MDETERM function in Google Sheets is a mathematical tool that calculates the determinant of a given matrix. This function can be used to solve various mathematical problems and is helpful in performing complex calculations. By using this function, users can easily find the determinant of a matrix without the need for manual calculations. It is a useful feature in Google Sheets that can assist in data analysis and problem-solving.

## MDETERM

Returns the matrix determinant of a square matrix specified as an array or range.

### Sample Usage

```
MDETERM(A1:D4)
```

```
MDETERM({1,2,3,4;5,6,7,8;9,10,11,12;13,14,15,16})
```

### Syntax

```
MDETERM(square_matrix)
```

`square_matrix` - An array or range with an equal number of rows and columns representing a matrix whose determinant will be calculated.

### See Also

**TRANSPOSE**: Transposes the rows and columns of an array or range of cells.

**MMULT**: Calculates the matrix product of two matrices specified as arrays or ranges.

**MINVERSE**: Returns the multiplicative inverse of a square matrix specified as an array or range.

### Examples