TOP 40 EXCEL FORMULAE FOR DATA ANALYTICS BY ANKIT KUMAR

1. SUM

- Formula: =SUM(A1:A10)
- Description: Adds up all the numbers in a specified range.

2. AVERAGE

- Formula: =AVERAGE(A1:A10)
- Description: Calculates the average of numbers in a range.

3. IF

- Formula: =IF(A1>10, "Yes", "No")
- Description: Returns one value if a condition is true, and another value if it's false.

4. VLOOKUP

Formula: =VLOOKUP(A1, B1:C10, 2, FALSE)

VLOOKUP ek Excel function hai jo kisi list mein diya gaya data dhoondhne aur uske aage ka related data dikhane ke liye use hota hai.

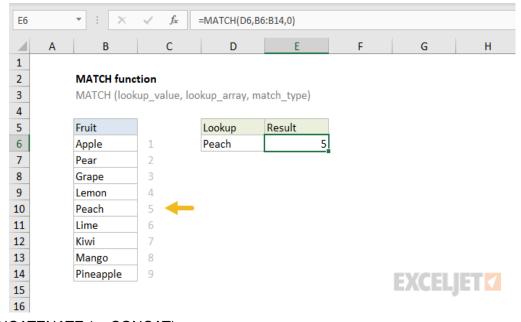
VLOOKUP Excel ka ek function hai jo ek column mein di gayi value ko doosre column ki corresponding value ke saath match karta hai.

5. HLOOKUP

- Formula: =HLOOKUP(A1, A1:D4, 2, FALSE)
- Description: Similar to VLOOKUP but searches horizontally.

7. MATCH

- Formula: =MATCH(A1, B1:B10, 0)
- Description: Returns the relative position of an item in a range.

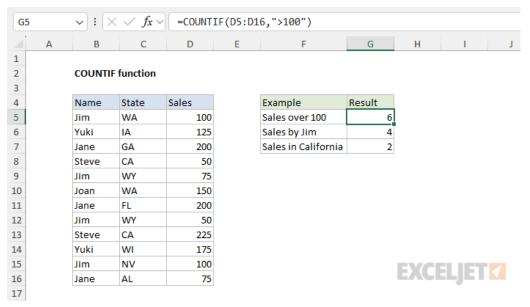


8. CONCATENATE (or CONCAT)

- Formula: =CONCATENATE(A1, " ", B1)
- Description: Combines multiple values into one string.

9. COUNTIF

- Formula: =COUNTIF(A1:A10, ">5")
- Description: Counts the number of cells in a range that meet a single criterion.

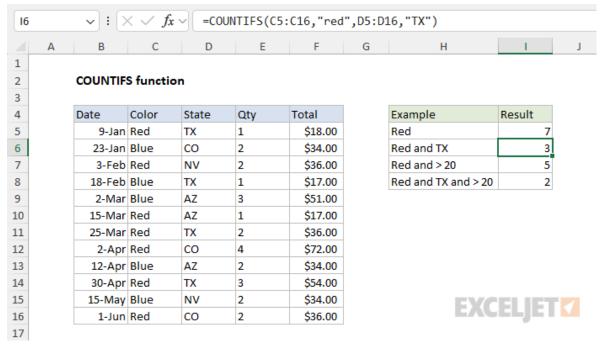


10. SUMIF

- Formula: =SUMIF(A1:A10, ">5")
- Description: Adds the cells in a range that meet a specified condition.

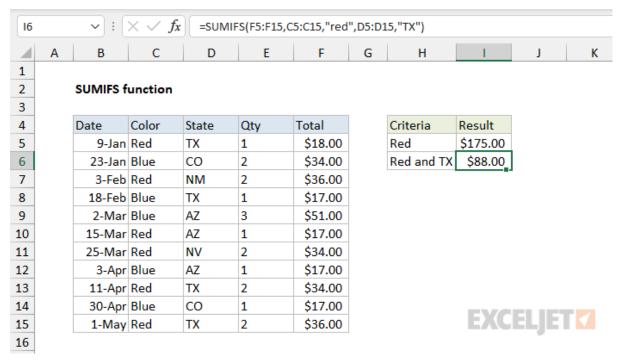
11. COUNTIFS

- Formula: =COUNTIFS(A1:A10, ">5", B1:B10, "<10")
- Description: Counts the number of cells that meet multiple criteria.



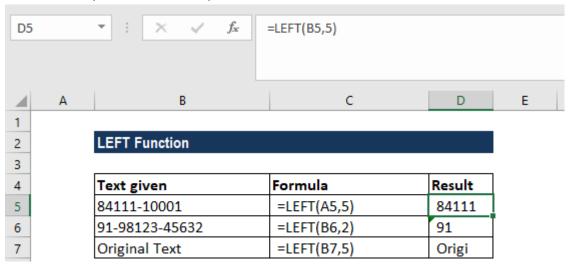
12. SUMIFS

- Formula: =SUMIFS(A1:A10, B1:B10, ">5")
- Description: Adds the cells that meet multiple conditions.



13. LEFT

- Formula: =LEFT(A1, 3)
- Description: Returns a specified number of characters from the start of a text string.



14. RIGHT

- Formula: =RIGHT(A1, 3)
- Description: Returns a specified number of characters from the end of a text string.

15. LEN

- Formula: =LEN(A1)
- Description: Returns the number of characters in a text string.

16. TRIM

- Formula: =TRIM(A1)
- Description: Removes all extra spaces from text except for single spaces between words.

17. TEXT

- Formula: =TEXT(A1, "dd/mm/yyyy")
- Description: Formats a number or date into a text string with a specified format.

18. PROPER

• Formula: =PROPER(A1)

• Description: Capitalizes the first letter of each word in a text string.

19. NOW

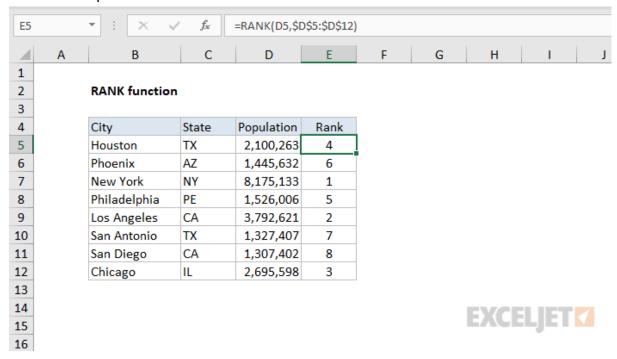
Formula: =NOW()

Description: Returns the current date and time.

20. RANK

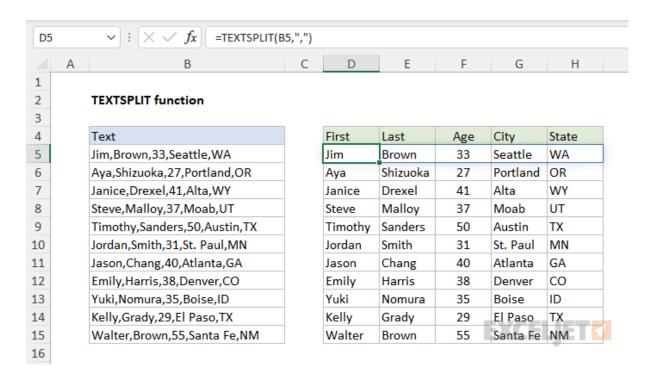
• Formula: =RANK(A1, A1:A10)

• Description: Returns the rank of a number in a list of numbers.

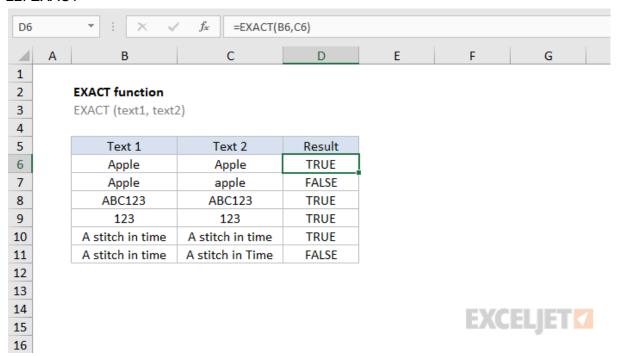


21 textsplit

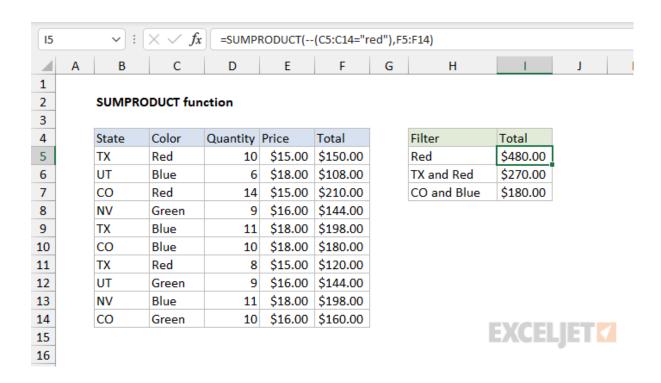
Excel mein, `TEXTSPLIT` function kisi text ko alag-alag parts mein tod ke alag cells mein daalne ke kaam aata hai, jaise agar words ko comma ya space se alag karna ho.



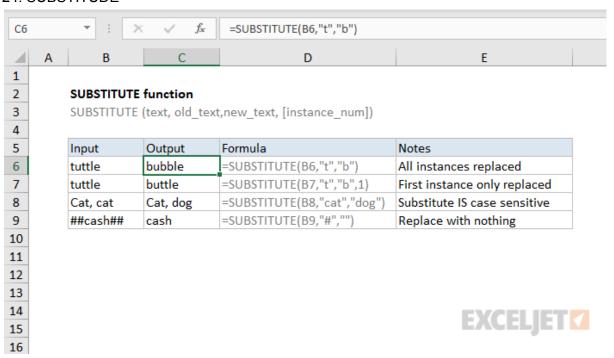
22. EXACT



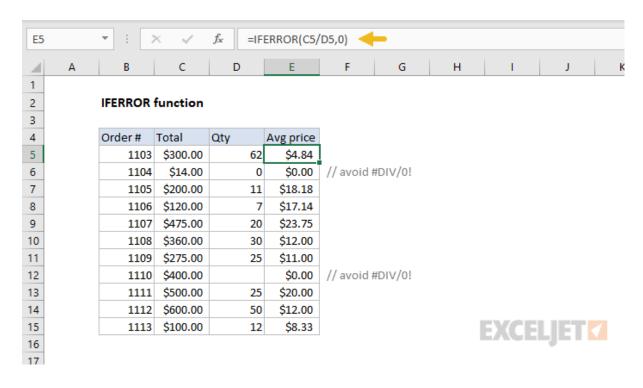
23. SUM PRODUCT



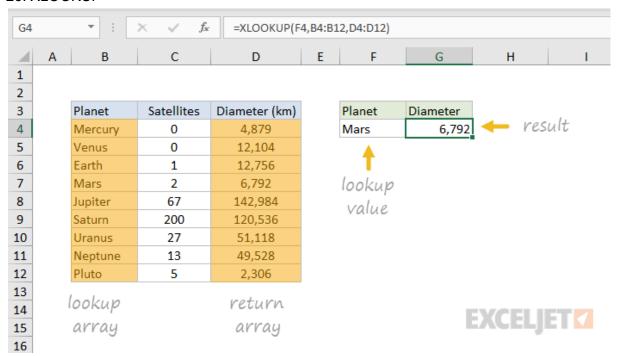
24. SUBSTITUDE



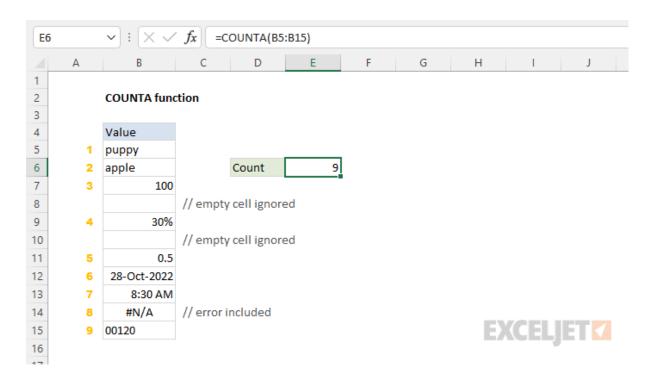
25. IF ERROR



26. XLOOKUP



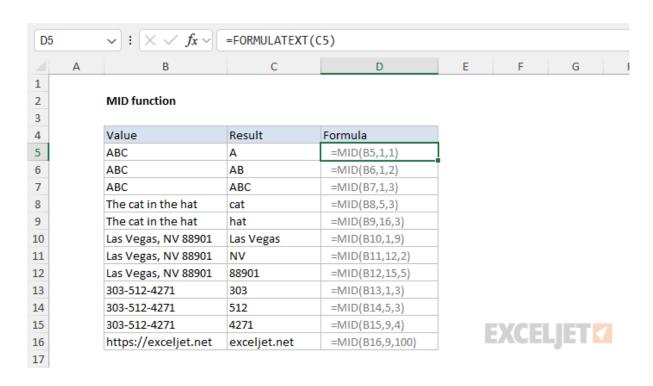
27. COUNTA()



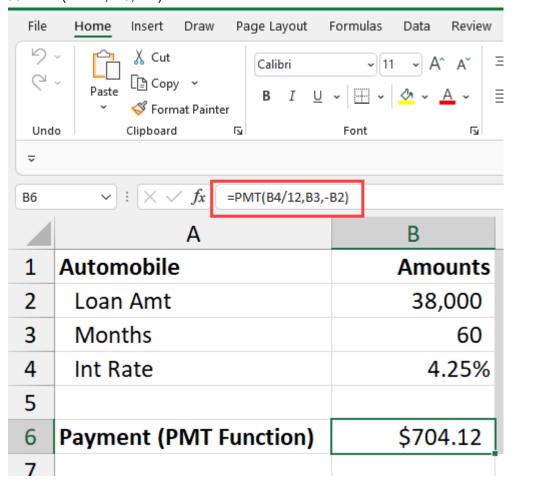
28. INDEX()J

COUNTIF ▼ : × ✓ f _x =INDEX(E3:E9,5)										
4	Α	В	С	D	Е	F	G	Н	1	J
1										
2		ID	First Name	Last Name	Salary		ID			
3		72	Emily	Smith	\$64,901		Salary	\$58,339		
4		66	James	Anderson	\$70,855					
5		14	Mia	Clark	\$188,657					
6		30	John	Lewis	\$97,566					
7		53	Jessica	Walker	\$58,339	←				
8		56	Mark	Reed	\$125,180					
9		79	Richard	Lopez	\$91,632					
10										

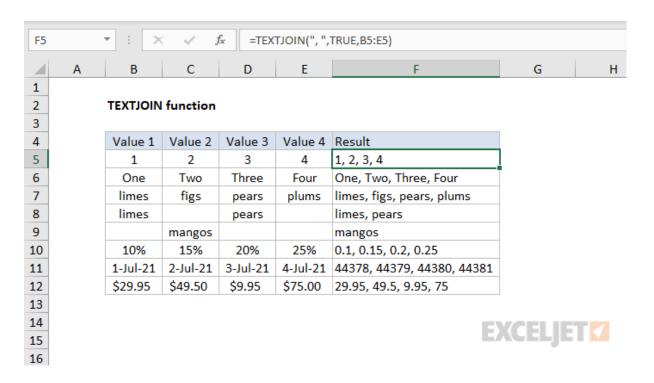
29. MID()



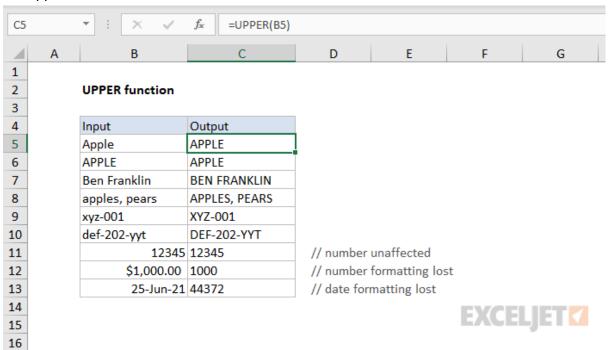
30. PMT(B4/12, B3,-B2)



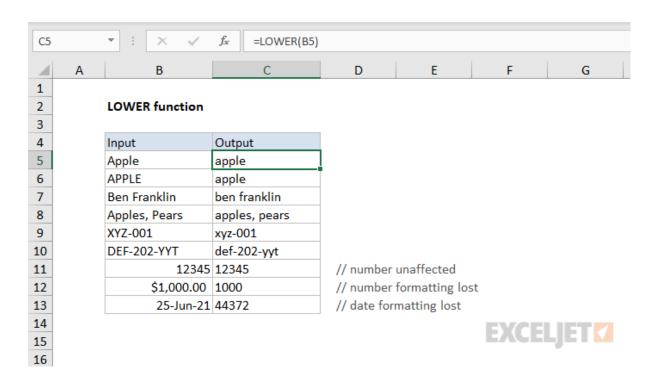
31. Textjoin



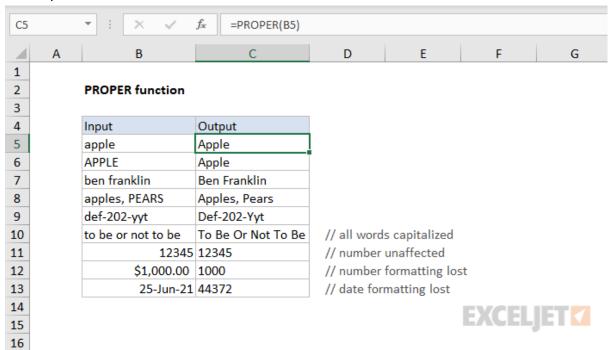
32. Upper



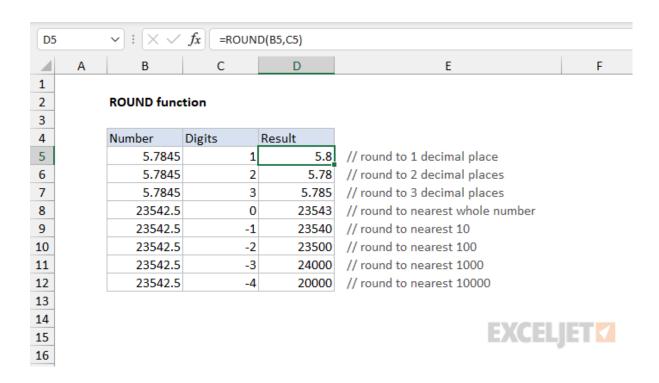
33. Lower



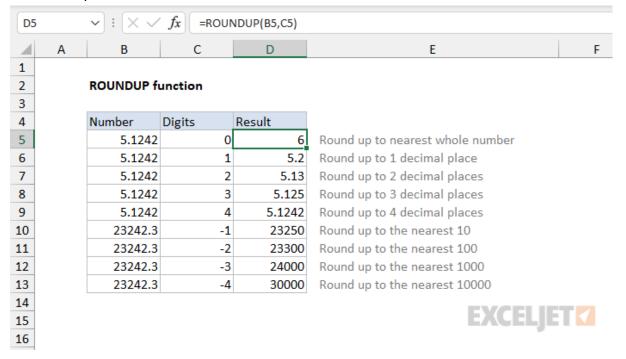
34. Proper



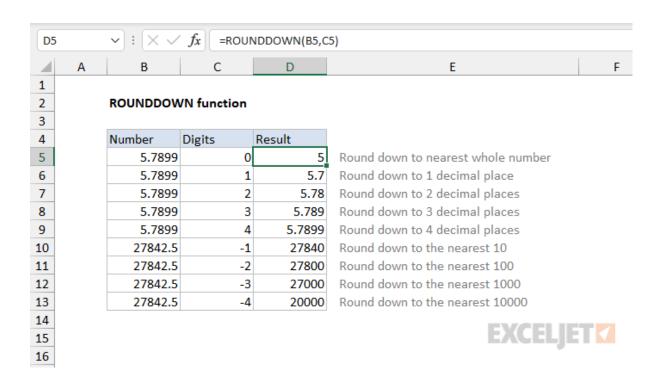
35. Round/



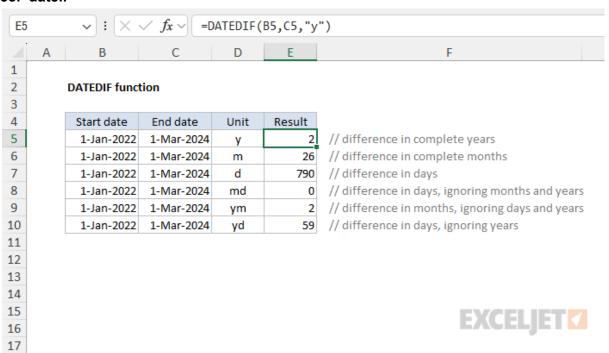
36. Roundup



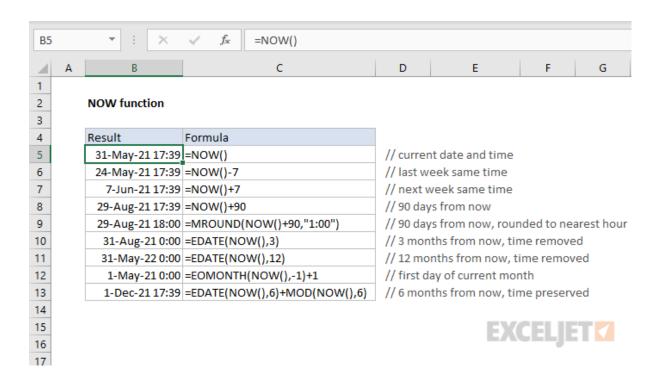
37. Roundown



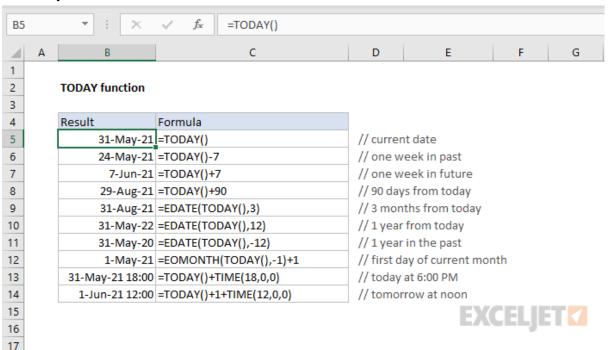
38. dateif



39. Now



40. Today



41. Ifs

