1. **SUM**
   * **Structure**: =SUM(number1, [number2], ...)
   * **Example**: =SUM(A1:A10)
2. **SUMIF**
   * **Structure**: =SUMIF(range, criteria, [sum\_range])
   * **Example**: =SUMIF(A1:A10, ">10", B1:B10)
3. **AVERAGE**
   * **Structure**: =AVERAGE(number1, [number2], ...)
   * **Example**: =AVERAGE(A1:A10)
4. **IF**
   * **Structure**: =IF(logical\_test, value\_if\_true, value\_if\_false)
   * **Example**: =IF(A1>10, "Yes", "No")
5. **VLOOKUP**
   * **Structure**: =VLOOKUP(lookup\_value, whole\_table, ans\_col\_num, exact\_approximate)
   * **Example**: =VLOOKUP(A1, B1:C10, 2, FALSE)
6. **HLOOKUP**
   * **Structure**: =HLOOKUP(lookup\_value, table\_array, row\_index\_num, [range\_lookup])
   * **Example**: =HLOOKUP(A1, A2:F10, 3, FALSE)
7. **INDEX**
   * **Structure**: =INDEX(array, row\_num, [column\_num])
   * **Example**: =INDEX(A1:C10, 2, 3)
8. **MATCH**
   * **Structure**: =MATCH(lookup\_value, lookup\_array, [match\_type])
   * **Example**: =MATCH(A1, B1:B10, 0)
9. **CONCATENATE (or CONCAT)**
   * **Structure**: =CONCATENATE(text1, [text2], ...)
   * **Example**: =CONCATENATE(A1, " ", B1)
10. **COUNT**
    * **Structure**: =COUNT(value1, [value2], ...)
    * **Example**: =COUNT(A1:A10)
11. **COUNTA**
    * **Structure**: =COUNTA(value1, [value2], ...)
    * **Example**: =COUNTA(A1:A10)
12. **AVERAGEIF**
    * **Structure:** =AVERAGEIF(cri\_range, criteria, [average\_range])
    * **Example:** =AVERAGEIF(A1:A10, ">10", B1:B10)
    * **Description:** Calculates the average of cells that meet a specified condition.
13. **AVERAGEIFS**
    * **Structure:** =AVERAGEIFS(average\_range, criteria\_range1, criteria1, [criteria\_range2, criteria2], ...)
    * ans\_range, 1st\_cri\_range, 1st\_cri, 2nd\_cri\_range, 2nd \_cri
    * **Example:** =AVERAGEIFS(B1:B10, A1:A10, ">10", C1:C10, "<20")
    * **Description:** Calculates the average of cells that meet multiple conditions.