

FINAL ASSESSMENT

A. keerthika
Data Science Ex
24-6-2024

I. UNIQUE VALUES:

- * To filter for unique values, click Data > Sort & filter > Advanced.
- * Unique values to use remove duplicate values.
- * Click Data > Data Tools > Remove duplicates.
- * To highlight unique or duplicate values.

Example:

ANIMALS:

1. Lion
2. Elephant
3. Rhino
4. Leopard
5. Buffalo
6. Lion
7. Elephant

Step 1:

Go Data - Advanced 

Step 2:

Select List range.

Step 3:

filter duplicate values.

Step 4:

To find Duplicate values.

ANIMALS:

1. Lion
2. Elephant
3. Rhino
4. Leopard
5. Buffalo

II IF FUNCTION

* The IF function is a pre-made function in Excel, which returns value based on a true or false condition.

IF is typed =IF and has 3 parts:

=IF (logical - test, [value - if - true], [value - if - false])

How to use IF function in Excel:

Step 1:

1. Select cell E5 and copy the following formula into it.

= IF (D5 >= C5, \$C\$15 * (D5 - C5) / C5, "Not Applicable")

i. press Enter and auto fill the entire column.

2. you'll find the bonuses for those who have met the sales target, and the formula will return with the statement "Not Applicable" if target sales are not achieved.

EX :

E5 ▾

x ✓ fx = IF(D5 >= C5, \$C\$15 * (D5 - C5) / C5, "Not Applicable")

IF function with calculations:

S.No	Sales Person	Sales Target (units)	Sales Achieved	Bonus
1.	Mike	50	55	\$ 50.00
2.	Teresa	60	45	Not Applicable
3.	Nicolas	40	45	\$ 62.50
4.	Abigail	55	60	\$ 45.45
5.	Martin	60	50	Not Applicable
6.	Cris	50	80	\$ -
7.	Sarah	70	75	\$ 71.43
8.	Dallon	80	80	Not Applicable

Salary of Each sales
Person
\$ 500.00

III PIVOT TABLE :

- * Pivot tables are one Excel's most powerful features.
- * A pivot table allows you to extract the significance from a large, detailed data set.

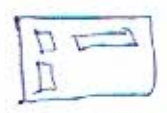
EX Step1 create table

S.No	Order ID	Product	Category	Amount	Date
1.	1	Carrots	Vegetable	4,270	1-6-2016
2.	2	Broccoli	Vegetable	8,239	1-6-2016
3.	3	Banana	fruits	617	1-8-2016
4.	4	Banana	fruits	8,384	1-10-2016

Step2:

Insert pivot table.

1. click any single cell inside the data set
2. on the insert tab in the tables group, click pivot table.



Pivot table.

The following dialog box appears. Excel automatically selects the data for you.

The default location for a new pivot table is New worksheet.

Step 3:

1. Select table Range.
2. New Worksheet
3. OK.

Step 3:

Drag fields.

The pivot table fields pane appears. To get the total amount exported of each product, drag the following fields to the different areas.

Step 4:

Raw table get pivot table.

Row Labels <input checked="" type="checkbox"/>	Sum of amount
Apple	191257
Banana	340295
Beans	57281
Broccoli	142439
Carrots	136945
mango	57079
Orange	104438
Grand total	104438

(5)