Assignment 02 Alic Ambrose ID: platex3_Ba_coursemea

Contents

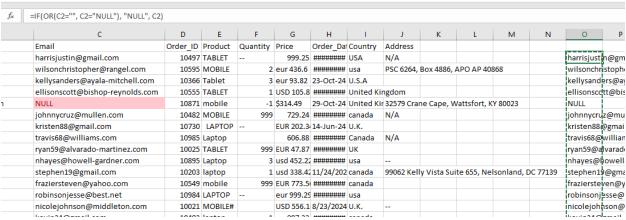
Task 1 - Cleaning steps:	2
Task 2 – Date Formatting	
Task 4 – SQL commands	. 4
4. a) Find unique customers. Hint : Use Count Commai	
5. b) How many mobiles were sold? Hint : Use Where Comman	nc
6. c) Find also the additional info according to your expertise. (any THRE	EE)
7	

Task 1 - Cleaning steps:

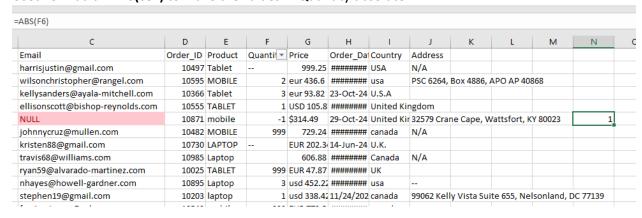
- 8. Sort the column for Csutomer ID
- Customer_IDs were missing so used the formula: =IF(OR(A2="", A2="NULL"), "TEMP_" & ROW(), A2) to assign the ids.
- 10. Copied the values and used paste special to the customer_IDs column.



- 11. Used Trim for removing the unnecessary spaces and same case from Name and Product.
- 12. Used the formula: =IF(OR(C2="", C2="NULL"), "NULL", C2). To replace empty cells with NULL.



13. Used formaula =ABS(cell) to make the values in Quantity absolute.



```
14. To change the currency in Price column. The formula used is:
=IF(ISNUMBER(SEARCH("USD", G2)),"$" & TEXT(SUBSTITUTE(SUBSTITUTE(SUBSTITUTE(G2, "USD",
""), "$", ""), ",", ""), "#,##0"), IF(ISNUMBER(SEARCH("EUR", G2))
   + ISNUMBER(SEARCH("€", G2)) + ISNUMBER(SEARCH("â,¬", G2)),
  "€" & TEXT(SUBSTITUTE(SUBSTITUTE(SUBSTITUTE(SUBSTITUTE(SUBSTITUTE(G2, "EUR", ""),
"â,¬", ""), "€", ""), ".", ""), " ", ""), "#,##0"),
IF(ISNUMBER(SEARCH("GBP", G2)),
  "£" & TEXT(SUBSTITUTE(SUBSTITUTE(SUBSTITUTE(G2, "GBP", ""), "£", ""), ",", ""), "#,##0"),
  "$" & TEXT(SUBSTITUTE(SUBSTITUTE(SUBSTITUTE(G2, "$", ""), "€", ""), "â,¬", ""), "
", ""), "#,##0"))))
 =IF(ISNUMBER(SEARCH("USD", G2)),
  "$" & TEXT(SUBSTITUTE(SUBSTITUTE(G2, "USD", ""), "$", ""), ",", ""), "#,##0"),
 IF(ISNUMBER(SEARCH("EUR", G2))
  + ISNUMBER(SEARCH("€", G2))
  + ISNUMBER(SEARCH("â,¬", G2)).
  "€" & TEXT(SUBSTITUTE(SUBSTITUTE(SUBSTITUTE(SUBSTITUTE(SUBSTITUTE(G2, "EUR", ""), "â,¬", ""), "€", ""), ".", ""), ", ""), "##"),
 IF(ISNUMBER(SEARCH("GBP", G2)),
  "£" & TEXT(SUBSTITUTE(SUBSTITUTE(SUBSTITUTE(G2, "GBP", ""), "£", ""), ",", ""), "#,##0"),
  "$" & TEXT(SUBSTITUTE(SUBSTITUTE(SUBSTITUTE(G2, "$", ""), "€", ""), "â,¬", ""), "#,##0"))))
                            D E F G H I J
  Email
                             Order_ID Product Quanti Price Order_Date Country Address
  harrisjustin@gmail.com
                                10497 Tablet
                                                  0 $999
                                                             27/02/2025 USA
                                                                              N/A
                                                                                                            $999
                                                  0 €eur4366 29/11/2024 usa
  wilsonchristopher@rangel.com
                                10595 Mobile
                                                                              PSC 6264, Box 4886, APO AP 40868
                                                                                                            €eur4366
                                              0 €eur9382 23-Oct-24 U.S.A
  kellysanders@ayala-mitchell.com
                               10366 Tablet
                                                  0 $106 30/01/2025 United Kingdom
  ellisonscott@bishop-reynolds.com
                                10555 Tablet
                                                                                                            $106
                                                  0 $314 29-Oct-24 United Kir 3257
0 $729 12/05/2024 canada N/A
                                                              29-Oct-24 United Kir 32579 Crane Cape, Wattsfort, KY 80023
                                                                                                            $314
                                10871 Mobile
```

0 €20,234 14-Jun-24 U.K.

0 \$usd 452.22 25/02/2025 usa

0 €eur99929 13/09/2024 usa

0 €77,356

0 \$607 08/01/2024 Canada N/A 0 €4,787 24/11/2024 UK

28-Nov-24 canada

0 \$usd 338.42 11/24/2024 canada 99062 Kelly Vista Suite 655, Nelsonland, ជ\$usd 338.42

!\$729

\$607

€20,234

€4,787

€77,356

€eur99929

Susd 452.22

Task 2 – Date Formatting

10482 Mobile

10025 Tablet

10895 Laptop

10203 Laptop

10549 Mobile

10984 Laptop

10730 Laptop

10985 Laptop

johnnycruz@mullen.com

kristen88@gmail.com

travis68@williams.com ryan59@alvarado-martinez.com

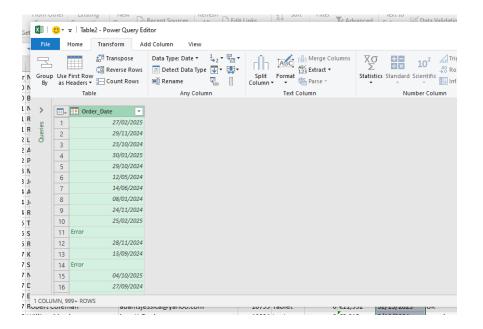
stephen19@gmail.com

fraziersteven@yahoo.com

robinsonjesse@best.net

nhayes@howell-gardner.com

15. To correct the date format. The power query editor was used to AutoDetect the dates that were easy to understand.



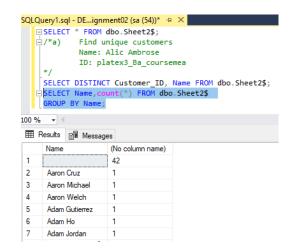
16. After "close & load". Applied the formula of =IF(H2="","N/A", H2)

17. Same formula applied for the empty fields of address.

=IF(OR(J2="", J2=""), "N/A	",J2)								
С	D	Е	F	G	н	1	J	K	L
	Order_ID	Product	Quantity	Price	Order_Date	Country	Addres 🗸		
nders@ayala-mitchell.com	10366	Tablet	0	€eur9382	23/10/2024	U.S.A		N/A	
cott@bishop-reynolds.com	10555	Tablet	0	\$106	30/01/2025	United Kingdom			
38@gmail.com	10730	Laptop	0	€20,234	14/06/2024	U.K.			
Dalvarado-martinez.com	10025	Tablet	0	€4,787	24/11/2024	UK			
01 11 1	40005		_	A Laco on	05 100 10005				

Task 4 – SQL commands

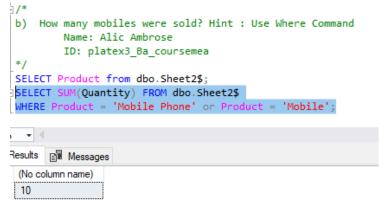
- a) Find unique customers. Hint : Use Count Command
- I used the command "SELECT Name,count(*) FROM dbo.Sheet2\$
- 19. GROUP BY Name;", to show that how many unique customer the table has.
 Screenshot:
 - b) How many mobiles were sold? Hint : Use Where Command



20. The 'Product' Column has 'Mobile Phones' and 'Mobile' categories. So I used the command:

SELECT SUM(Quantity) FROM dbo.Sheet2\$
WHERE Product = 'Mobile Phone' or Product = 'Mobile';

- 21. The result with WHERE was not accurate.
 - c) Find also the additional info according to your expertise. (any THREE)
 - 1. I used the WHERE command to find the details of a specific Customer.



22. SELECT * FROM dbo.Sheet2\$

23. WHERE Name = 'Lisa Skinner';

```
c) Find also the additional info according to your expertise. (any THREE)

Name: Alic Ambrose

ID: platex3_Ba_coursemea

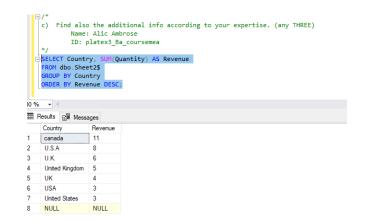
*/

SELECT * FROM dbo Sheet2$

WHERE Name = 'Lisa Skinner';
```



 I used to the following command to show the products sold to each country: SELECT Country, SUM(Quantity) AS Revenue FROM dbo.Sheet2\$ GROUP BY Country ORDER BY Revenue DESC;



3. I used the following command to see the max prices of each product:

SELECT Product, MAX(Price) AS Share FROM dbo.Sheet2\$
GROUP BY Product
ORDER BY Share DESC;

