Empresa mayorista de construccion

USE CASE

As Is Process

Video process:

https://drive.google.com/file/d/1rCXfeal7Hvb5_M5yrOtVEBwV4L0tVRPt/view?usp=sharing

A wholesale company in the construction industry is interested in evaluating the feasibility of purchasing various products. For this purpose, we are provided with an input table:

	A	B	C	D	E
1	PRODUCTO	PRECIO	ARGOS S.A	BOSCH POWER TOOLS	MADERAS ARAUCOS S.A
2	LADRILLOS CERAMICOS	$ 0.50	20000	18000	22000
3	TABLONES DE MADERA	$ 8.00	300	250	300
4	PINTURA LATEX	$ 15.00	1000	1200	2300

Unfortunately, it is disorganized. The main objective of this process is to restructure the table to present the information clearly and, in addition, we want to know the total value (Price x Quantity) of each product. This will allow to determine if the purchase of each product is viable from an economic perspective for the wholesale company. A product will be considered viable if the total value does not exceed US$10,000.

The desired result is an output table organized according to these criteria:

	A	B	C	D	E	F
1	PROPIETARIO	PRODUCTO	CANTIDAD	VALOR	TOTAL	VIABLE
2	ARGOS S.A	LADRILLOS CERAMICOS	20000	$.50	$10000.00	No
3	ARGOS S.A	TABLONES DE MADERA	300	$8.00	$2400.00	SI
4	ARGOS S.A	PINTURA LATEX	1000	$15.00	$15000.00	No
5	BOSCH POWER TOOLS	LADRILLOS CERAMICOS	18000	$.50	$9000.00	SI
6	BOSCH POWER TOOLS	TABLONES DE MADERA	250	$8.00	$2000.00	SI
7	BOSCH POWER TOOLS	PINTURA LATEX	1200	$15.00	$18000.00	No
8	MADERAS ARAUCOS S.A	LADRILLOS CERAMICOS	22000	$.50	$11000.00	No
9	MADERAS ARAUCOS S.A	TABLONES DE MADERA	300	$8.00	$2400.00	SI
10	MADERAS ARAUCOS S.A	PINTURA LATEX	2300	$15.00	$34500.00	No

To be process:

- Verify the existence of the input file in the corresponding folder.
- Create Output Sheet
- Read entry sheet
- Write Headers
- Using loops
- Reorganize information using as reference the input sheet and writing on output sheet
- Perform mathematical operations to find the total value
- Using filtering in feasibility with conditionals