

✔ Congratulations! You passed!

Grade received 80% To pass 80% or higher

Go to next item

## Tables for automating data manipulation: Test your skills

Latest Submission Grade 80%

1. To do this assessment you should download this Excel workbook, follow the instructions, and answer the questions.

0 / 1 point

📄

C1W4 Assessment

XL SX File

Download file ↓

Have a look at the **Supplier Phone number** data in columns **O** and **P**.

Is this information presented in a **Table**?

- ☒ Yes, this is an Excel table.
- ☐ No, this is not an Excel table.

✘ Incorrect

Have a closer look. Although it looks like a table, it actually isn't one. How can you tell if data is stored in a table?

2. Have a look at the **Discount Code** data presented in Columns **O** and **P**.  
Convert the **Discount** code data to a table. Add a new record directly below the **Table** as follows:  
**Code: C**  
, %: **15%**.

1 / 1 point

What is the corrected **Average Discount %** shown in **P19**. (Do not enter the % symbol, just the numbers using the format **#.##**)

6.86

✔ Correct

3. Convert the **Inventory** data to a table. Apply the table style **White, Table Style Light 18**. Turn off **Banded Rows** and turn on **Banded Columns**.

1 / 1 point

Which of the following most closely resembles your table (when you only have banded columns but not banded rows)?

- ☐ This:

3	Product Code	Item Description	Supplier	Department	Origin	Location	Rac
4	HARD-015	Brass Flat-Tipped Butt Hinge	LA MAISON	Hardware	Vietnam	Alexandria	01
5	WOOD-066	Project Pack - 24 Board Feet 3/4" Select White Ash	ARTISAN	Wood	USA	Waterloo	09
6	BATH-076	2-Handle Low-Arc 4" Bathroom Faucet Brushed Nickel	WU PING GUO	Bathroom	China	Alexandria	01
7	DECK-081	Wicker Patio Chair and Table Set	KESTREL	Deck Patio	Brazil	Waterloo	02
8	ACCE-011	Chiswick Chrome Privacy Knob	WU BO LUO	Accessories	China	Alexandria	03
9	DECO-074	Ebony 9 Ft. 9 In. x 13 Ft. 9 In. Area Rug	KESTREL	Décor	India	Alexandria	05
10	WOOD-022	Project Pack - 25 Board Feet 3/4" Select Black Cherry	LAMPRECHT	Wood	USA	Waterloo	09
11	BATH-013	Tuscan Model 24" Double Towel Bar Brass	LA MAISON	Bathroom	China	Alexandria	01
12	BATH-049	Amersham Model 24" Single Towel Bar Plastic	LA MAISON	Bathroom	China	Alexandria	03
13	BATH-033	Amersham Model 24" Double Towel Bar Plastic	LA MAISON	Bathroom	China	Alexandria	03
14	DECK-074	Metal and Glass Patio Chair and Table Set	KESTREL	Deck Patio	Brazil	Waterloo	02
15	DECO-023	Oriental Print 7 ft. 9 in. x 10 ft. 10 in. Indoor / Outdoor Area	KESTREL	Décor	India	Alexandria	04
16	DECO-099	Braided 8 ft. x 11 ft. Area Rug	KESTREL	Décor	India	Alexandria	04
17	WOOD-004	Project Pack - 25 Board Feet 3/4" Select Basswood	ARTISAN	Wood	USA	Waterloo	09
18	ACCE-096	Brilliant Brass Privacy Knob	WU BO LUO	Accessories	China	Alexandria	02
19	ACCE-077	Chiswick Brass Privacy Knob	WU BO LUO	Accessories	China	Alexandria	02
20	HARD-073	Soft Close Clip Top Overlay Hinge	WU BO LUO	Hardware	UK	Alexandria	02
21	DECO-047	White Faux Wood Blind, 2 in. Slats, 32 in. W x 64 in. L	KESTREL	Décor	Canada	Alexandria	05
22	DECO-004	Cream7 ft. 7 in x 10 ft. 10 in Indoor and Outdoor Area Rug	KESTREL	Décor	India	Alexandria	04

- ☐ This:

3	Product Code	Item Description	Supplier	Department	Origin	Location	Rac
4	HARD-015	Brass Flat-Tipped Butt Hinge	LA MAISON	Hardware	Vietnam	Alexandria	01
5	WOOD-066	Project Pack - 24 Board Feet 3/4" Select White Ash	ARTISAN	Wood	USA	Waterloo	09
6	BATH-076	2-Handle Low-Arc 4" Bathroom Faucet Brushed Nickel	WU PING GUO	Bathroom	China	Alexandria	01
7	DECK-081	Wicker Patio Chair and Table Set	KESTREL	Deck Patio	Brazil	Waterloo	02
8	ACCE-011	Chiswick Chrome Privacy Knob	WU BO LUO	Accessories	China	Alexandria	03
9	DECO-074	Ebony 9 Ft. 9 In. x 13 Ft. 9 In. Area Rug	KESTREL	Décor	India	Alexandria	05
10	WOOD-022	Project Pack - 25 Board Feet 3/4" Select Black Cherry	LAMPRECHT	Wood	USA	Waterloo	09
11	BATH-013	Tuscan Model 24" Double Towel Bar Brass	LA MAISON	Bathroom	China	Alexandria	01
12	BATH-049	Amersham Model 24" Single Towel Bar Plastic	LA MAISON	Bathroom	China	Alexandria	03
13	BATH-033	Amersham Model 24" Double Towel Bar Plastic	LA MAISON	Bathroom	China	Alexandria	03
14	DECK-074	Metal and Glass Patio Chair and Table Set	KESTREL	Deck Patio	Brazil	Waterloo	02
15	DECO-023	Oriental Print 7 ft. 9 in. x 10 ft. 10 in. Indoor / Outdoor Area	KESTREL	Décor	India	Alexandria	04
16	DECO-099	Braided 8 ft. x 11 ft. Area Rug	KESTREL	Décor	India	Alexandria	04
17	WOOD-004	Project Pack - 25 Board Feet 3/4" Select Basswood	ARTISAN	Wood	USA	Waterloo	09
18	ACCE-096	Brilliant Brass Privacy Knob	WU BO LUO	Accessories	China	Alexandria	02
19	ACCE-077	Chiswick Brass Privacy Knob	WU BO LUO	Accessories	China	Alexandria	02
20	HARD-073	Soft Close Clip Top Overlay Hinge	WU BO LUO	Hardware	UK	Alexandria	02
21	DECO-047	White Faux Wood Blind, 2 in. Slats, 32 in. W x 64 in. L	KESTREL	Décor	Canada	Alexandria	05
22	DECO-004	Cream7 ft. 7 in x 10 ft. 10 in Indoor and Outdoor Area Rug	KESTREL	Décor	India	Alexandria	04

- ☐ This:

3	Product Code	Item Description	Supplier	Department	Origin	Location	Rack
4	HARD-015	Brass Flat-Tipped Butt Hinge	LA MAISON	Hardware	Vietnam	Alexandria	01
5	WOOD-066	Project Pack - 24 Board Feet 3/4" Select White Ash	ARTISAN	Wood	USA	Waterloo	09
6	BATH-076	2-Handle Low-Arc 4" Bathroom Faucet Brushed Nickel	WU PING GUO	Bathroom	China	Alexandria	01
7	DECK-081	Wicker Patio Chair and Table Set	KESTREL	Deck Patio	Brazil	Waterloo	02
8	ACCE-011	Chiswick Chrome Privacy Knob	WU BO LUO	Accessories	China	Alexandria	03
9	DECO-074	Ebony 9 Ft. 9 In. x 13 Ft. 9 In. Area Rug	KESTREL	Décor	India	Alexandria	05
10	WOOD-022	Project Pack - 25 Board Feet 3/4" Select Black Cherry	LAMPRECHT	Wood	USA	Waterloo	09
11	BATH-013	Tuscan Model 24" Double Towel Bar Brass	LA MAISON	Bathroom	China	Alexandria	01
12	BATH-049	Amersham Model 24" Single Towel Bar Plastic	LA MAISON	Bathroom	China	Alexandria	03
13	BATH-033	Amersham Model 24" Double Towel Bar Plastic	LA MAISON	Bathroom	China	Alexandria	03
14	DECK-074	Metal and Glass Patio Chair and Table Set	KESTREL	Deck Patio	Brazil	Waterloo	02
15	DECO-023	Oriental Print 7 ft. 9 in. x 10 ft. 10 in. Indoor / Outdoor Area	KESTREL	Décor	India	Alexandria	04
16	DECO-099	Braided 8 ft. x 11 ft. Area Rug	KESTREL	Décor	India	Alexandria	04
17	WOOD-004	Project Pack - 25 Board Feet 3/4" Select Basswood	ARTISAN	Wood	USA	Waterloo	09
18	ACCE-096	Brilliant Brass Privacy Knob	WU BO LUO	Accessories	China	Alexandria	02
19	ACCE-077	Chiswick Brass Privacy Knob	WU BO LUO	Accessories	China	Alexandria	02
20	HARD-073	Soft Close Clip Top Overlay Hinge	WU BO LUO	Hardware	UK	Alexandria	02
21	DECO-047	White Faux Wood Blind, 2 in. Slats, 32 in. W x 64 in. L	KESTREL	Décor	Canada	Alexandria	05
22	DECO-004	Cream7 ft. 7 in x 10 ft. 10 in Indoor and Outdoor Area Rug	KESTREL	Décor	India	Alexandria	04

- ☒ This:

3	Product Code	Item Description	Supplier	Department	Origin	Location	Rac
4	HARD-015	Brass Flat-Tipped Butt Hinge	LA MAISON	Hardware	Vietnam	Alexandria	01
5	WOOD-066	Project Pack - 24 Board Feet 3/4" Select White Ash	ARTISAN	Wood	USA	Waterloo	09
6	BATH-076	2-Handle Low-Arc 4" Bathroom Faucet Brushed Nickel	WU PING GUO	Bathroom	China	Alexandria	01
7	DECK-081	Wicker Patio Chair and Table Set	KESTREL	Deck Patio	Brazil	Waterloo	02
8	ACCE-011	Chiswick Chrome Privacy Knob	WU BO LUO	Accessories	China	Alexandria	03
9	DECO-074	Ebony 9 Ft. 9 In. x 13 Ft. 9 In. Area Rug	KESTREL	Décor	India	Alexandria	05
10	WOOD-022	Project Pack - 25 Board Feet 3/4" Select Black Cherry	LAMPRECHT	Wood	USA	Waterloo	09
11	BATH-013	Tuscan Model 24" Double Towel Bar Brass	LA MAISON	Bathroom	China	Alexandria	01
12	BATH-049	Amersham Model 24" Single Towel Bar Plastic	LA MAISON	Bathroom	China	Alexandria	03
13	BATH-033	Amersham Model 24" Double Towel Bar Plastic	LA MAISON	Bathroom	China	Alexandria	03
14	DECK-074	Metal and Glass Patio Chair and Table Set	KESTREL	Deck Patio	Brazil	Waterloo	02
15	DECO-023	Oriental Print 7 ft. 9 in. x 10 ft. 10 in. Indoor / Outdoor Area	KESTREL	Décor	India	Alexandria	04
16	DECO-099	Braided 8 ft. x 11 ft. Area Rug	KESTREL	Décor	India	Alexandria	04
17	WOOD-004	Project Pack - 25 Board Feet 3/4" Select Basswood	ARTISAN	Wood	USA	Waterloo	09
18	ACCE-096	Brilliant Brass Privacy Knob	WU BO LUO	Accessories	China	Alexandria	02
19	ACCE-077	Chiswick Brass Privacy Knob	WU BO LUO	Accessories	China	Alexandria	02
20	HARD-073	Soft Close Clip Top Overlay Hinge	WU BO LUO	Hardware	UK	Alexandria	02
21	DECO-047	White Faux Wood Blind, 2 in. Slats, 32 in. W x 64 in. L	KESTREL	Décor	Canada	Alexandria	05
22	DECO-004	Cream7 ft. 7 in x 10 ft. 10 in Indoor and Outdoor Area Rug	KESTREL	Décor	India	Alexandria	04

✔ Correct

Correct. You are mastering the tools that make it easy to format Tables in Excel.

4. Turn on the total row. Change the calculation for **Total Retail** price to **Average Retail Price**.

1 / 1 point

What is the **Average Retail Price**? (Do not enter the \$ symbol just the numeric value, e.g. **99.99**)

104.13

✔ Correct

5. In the **Total Row** add a calculation in the **In Stock** column to get the total number of items in stock.

1 / 1 point

What is the total number of items in stock?

1335

✔ Correct

6. In the **Total Row**, move across to **Discount %** and choose **StDev** from the drop-down list.

1 / 1 point

What is the standard deviation for the discount percentage (to the nearest whole number with no % sign)?

4

✔ Correct

7. You need to find out which products need re-ordering most urgently. Sort the data by the column **In Stock** from **Smallest to Largest**.

1 / 1 point

Enter the product code for the product with the smallest number in stock, not counting zero items.

WOOD-066

✔ Correct

8. You are doing an audit of products supplied by the company **Wu Bo Luo**. Filter the data by the supplier **Wu Bo Luo**. What is the updated value for **Total In Stock** now?

1 / 1 point

767

✔ Correct

9. Clear the filter on **Supplier** and add a new filter to get the top 5% of stock items by retail price. (Hint: There is a specific filter to get the Top 5%).

0 / 1 point

What is the **Average Retail Price** for these items? (Enter without currency symbol e.g. **999.99**)

501.00

✘ Incorrect

Check that you:

- . Cleared the previous filter
- . Added the new filter correctly
- . Looked at the right column
- . Looked at the average

10. Clear all filters and turn off the total row.

1 / 1 point

In the first empty row add the following record:

- **HARD-062**
- **Chrome-Plated Face Frame Hinge**
- **WU BO LUO**
- **Hardware**
- **China**
- **Alexandria**
- **02**
- **200**
- **200**
- **50**
- **=Calc!A53**
- **\$6.30**
- **\$7.30**

Turn the **Total Row** back on.

What is the updated Average Retail Price?

102.26

✔ Correct