

Project – Cable Provider Tool

This project includes:

Excel File 1 – Oceanic – Pricing.xlsx

- Pricing Details for Oceanic Cable Company

Excel File 2 – Stark Industries – Pricing.xlsx

- Pricing Details for Stark Industries

Excel File 3 – WonkaTV – Pricing.xlsx

- Pricing Details for WonkaTV

Excel File 4 – Wayne Enterprises – Pricing.xlsx

- Pricing Details for Wayne Enterprises

Project Description

You are looking to buy cable TV but want to make sure you're getting the best deal. You decide the only reasonable decision is to create a tool that will help you get the best value for your needs. This tool will compare the cost of cable TV from each of the four Cable Providers for one year of service. Assume you have nothing and have to pay all the setup costs.

You have four cable providers in your area: Oceanic, Stark Industries, WonkaTV, and Wayne Enterprises. You download the pricing details from each of the four cable companies.

The three factors you will be taking into consideration for this tool are

1. Number of Cable Boxes you require (assuming 1 per TV in your house)
 - a. Make this a dropdown list using Data Validation, with five options: 1, 2, 3, 4, and 5+
2. Number of channels available
 - a. Calculate cost of channels by the cheapest package that will supply at least as many channels as inputted.
 - b. If a number of inputted channels exceeds the maximum number of channels offered by a specific cable company, then that cable company cannot be purchased and the price should be "N/A" instead of a number.
3. Extra TV Packages, such as Sports, News, Lifestyle, or Kids

Additionally, use Conditional Formatting to show the best prices in green and the worst prices in red.

Best of luck!

EXTRA CREDIT (No Solution Provided)

For those over-achievers out there, you can try to make this tool really special by making the provider list dynamic. Make the list of Cable Providers and their respective prices automatically order itself based on price, with the best price shown at the top.

Screenshots

	A	B	C	D
1	Cable Provider Comparison Tool			
2				
3		Number of Cable Boxes	<input type="text"/>	
4				
5		Number of Channels	<input type="text"/>	
6				
7		Extra TV Packages		
8		<input type="checkbox"/> Kids	<input type="checkbox"/> Sports	
9		<input type="checkbox"/> News	<input type="checkbox"/> Lifestyle	
10				
11				
12				
13		Cable Provider Name	Total Price	
14		Oceanic	Input values	
15		Stark Industries	Input values	
16		Wayne Enterprises	Input values	
17		WonkaTV	Input values	
18				

	A	B	C	D
1	Cable Provider Comparison Tool			
2				
3		Number of Cable Boxes	<input type="text" value="1"/>	
4				
5		Number of Channels	<input type="text" value="100"/>	
6				
7		Extra TV Packages		
8		<input type="checkbox"/> Kids	<input type="checkbox"/> Sports	
9		<input type="checkbox"/> News	<input type="checkbox"/> Lifestyle	
10				
11				
12				
13		Cable Provider Name	Total Price	
14		Oceanic	\$ 1,350.00	
15		Stark Industries	\$ 1,375.88	
16		Wayne Enterprises	\$ 1,152.00	
17		WonkaTV	\$ 1,048.08	
18				

	A	B	C	D
1	Cable Provider Comparison Tool			
2				
3	Number of Cable Boxes		1	
4				
5	Number of Channels		415	
6				
7	Extra TV Packages			
8	<input checked="" type="checkbox"/> Kids	<input type="checkbox"/> Sports		
9	<input type="checkbox"/> News	<input type="checkbox"/> Lifestyle		
10				
11				
12				
13	Cable Provider Name		Total Price	
14	Oceanic		\$	1,470.00
15	Stark Industries		N/A	
16	Wayne Enterprises		\$	1,731.00
17	WonkaTV		\$	1,832.16
18				