

77-727 Exam

Microsoft Excel 2016: Core Data Analysis, Manipulation, and Presentation

Questions & Answers Demo

Version: 8.0

Question: 1

SIMULATION Project 5 of 7: City Sports Overview

The city events manager wants to analyze the enrollment changes over the past five years for various adult and youth sports programs. You have been tasked to prepare tables for the analysis.

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Add the Alternative Text Title "Adult Enrollment" to the "Adult_Program" table.

A. 1. Right-click the text title "Adult_Program" and click Format Object then click Alt Text.

2. Type "Adult Enrollment" in the Title box as desired.

3. Click OK.

B. 1. Right-click the text title "Adult_Program" and click Format Object then click Tab Text.

- 2. Type "Adult Enrollment" in the Title box as desired.
- 3. Click OK.

Answer: A

Explanation:

References:

https://support.office.com/en-us/article/add-alternative-text-to-a-shape-picture-chart-smartartgraphic-or-other-object-44989b2a-903c-4d9a-b742-6a75b451c669#bkmk_o2016_2013

Question: 2

SIMULATION Project 6 of 7: Bike Tours Overview You are the owner of a small bicycle tour company summarizing trail rides that have been booked for the next six months.

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Casual Biker Inn Tour	July	Toby		4-Day/3-N	11	\$600.00	
Casual Biker Inn Tour	August	Sabir	na Schuetz	4-Day/3-N	2	\$600.00	\$1,200.00
Casual Biker Inn Tour	September	Mind	ly Martin	4-Day/3-N	4	\$600.00	\$2,400.00
0 Gully Wash Loop	July	Lee	Oliver	1/2 Day	5	\$75.00	\$375.00
1 Gully Wash Loop	August	Katie	Jordan	1/2 Day	10	\$75.00	\$750.00
2 Gully Wash Loop	September	Kath	ie Flood	1/2 Day	16	\$75.00	\$1,200.00
3 Kokopelli Trail	July	Julia	n Isla	4-Day/3-N	15	\$450.00	\$6,750.00
4 Kokopelli Trail	August	Judy	Lew	4-Day/3-N	12	\$450.00	\$5,400.00
5 Kokopelli Trail	September	John	Peoples	4-Day/3-N	10	\$450.00	\$4,500.00
6 Raccoon Rim Trail	July	Iris	Rogers	1 Day	20	\$110.00	\$2,200.00
7 Raccoon Rim Trail	August	Holly	Dickson	1 Day	8	\$110.00	\$880.00
8 Raccoon Rim Trail	September	Gail	Erickson	1 Day	7	\$110.00	\$770.00
9 Slickrock Trail	July	Eric	Gruber	1/2 Day	40	\$75.00	\$3,000.00
0 Slickrock Trail	August	Debr	a Core	1/2 Day	9	\$75.00	\$675.00
1 Slickrock Trail	September	Chris	Ashton	1/2 Day	21	\$75.00	\$1,575.00
	July	Brad	ley Beck	3-Day/2-N	15	\$300.00	\$4,500.00
2 White Pine Trail			ie Kearney	3-Day/2-N	6	\$300.00	\$1,800.00
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	August September	Arler		3-Day/2-N	12	\$300.00	\$3,600.00
3 White Pine Trail	0				12	\$300.00	\$3,600.00

In cell M9 on the "Summer Bookings" worksheet, insert a function that calculates the number of groups containing 12 or more people even if the order of the rows is changed.

A. 1. In cell M9, on the "Summer Bookings" worksheet, insert the following COUNTIF formula: =COUNTIF(G8:G24, >= 11")"

B. 1. In cell M9, on the "Summer Bookings" worksheet, insert the following COUNTIF formula: "=COUNTIF(G6:G24, >= 12")"

Answer: B

Explanation:

References:

https://support.office.com/en-us/article/count-numbers-greater-than-or-less-than-a-number-453b0ccc-cfaa-4332-ad02-6e148e01aa0a

Question: 3

SIMULATION Project 6 of 7: Bike Tours Overview You are the owner of a small bicycle tour company summarizing trail rides that have been booked for the next six months.

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Casual Biker Inn Tour	July		Toby Sabina	Nixon Schuetz	4-Day/3-N 4-Day/3-N	11		\$6,600.00 \$1,200.00
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	September July		Mindy	Martin Oliver	4-Day/3-N 1/2 Day	4		\$375.00
Gully Wash Loop Gully Wash Loop	August		Katie	Jordan	1/2 Day	10	Section and the	\$750.00
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Gully Wash Loop Kokopelli Trail	September		Julian	Flood	1/2 Day 4-Day/3-N	16 15	a fuidadea	\$6,750.00
Kokopelli Trail	July		Julian	Lew	4-Day/3-N 4-Day/3-N	15		\$5,400.00
Kokopelli Trail	August September		John	Peoples	4-Day/3-N 4-Day/3-N	12		
Raccoon Rim Trail	July		Iris	Rogers	1 Day	20		
Raccoon Rim Trail	August		Holly	Dickson	1 Day	8	National Contractions	\$880.00
Raccoon Rim Trail	September		Gail	Erickson	1 Day	7		\$770.00
Slickrock Trail	July		Eric	Gruber	1/2 Day	40	Note that a state	a subscription of the
Slickrock Trail	August		Debra	Core	1/2 Day	9		\$675.00
1 Slickrock Trail	September		Chris	Ashton	1/2 Day	21	N. TOTATION STOCK	
	July		Bradley	Beck	3-Day/2-N	15		\$4,500.00
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3 White Pine Trail	August September			Huff	3-Dav/2-N	12	\$300.00	\$3,600,00
	August September		Arlene	Huff	3-Day/2-N	12	\$300.00	\$3,600.00

In cell M10 on the "Summer Bookings" worksheet, insert a function that calculates the total amount of sales from the "Total" column for groups containing 12 or more people even if the order of the rows is changed.

A. 1. In cell M10 on the "Summer Bookings", insert the following SUMIF formula: "=SUMIF(G6:G24, ">= 12", I6:I24)."

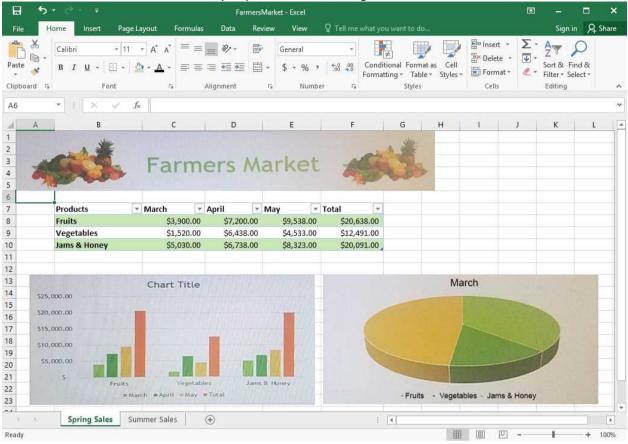
B. 1. In cell M16 on the "Summer Bookings", insert the following SUMIF formula: "=SUMIF(G6:G24, ">= 12", I6:I24)."'

Answer: A

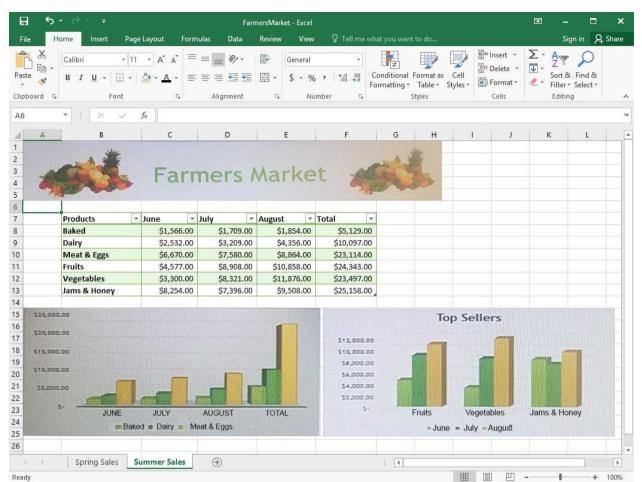
Explanation: References: <u>https://support.office.com/en-us/article/SUMIF-function-169B8C99-C05C-4483-A712-1697A653039B</u>

Question: 4

SIMULATION Project 7 of 7: Farmers Market Overview You are the Director of a local farmers' market. You are creating and modifying charts for a report



which shows the amounts and variety of products sold during the season.



On the "Summer Sales" worksheet, use the data in the "Products" and "Total" columns only to create a 3-D Pie chart. Position the new chart to the right of the column charts.

A. 1. Select the data you would like to use, in this case it would be the data in the "Products" and "Total" columns from the "Summer Sales" worksheet.

2. Click on Insert Pie Chart situation on the Insert tab then pick the 3-D Pie chart as desired.

3. Format the chart as desired by using Chart Elements, the Chart Styles, or the Chart Filters.

4. Drag the Pie Chart to the desired location which is to the right of the column charts.

B. 1. Select the data you would like to use, in this case it would be the data in the "Products" and "Total" columns from the "Summer Sales" worksheet.

2. Click on Insert Pie Chart situation on the Insert tab then pick the 3-D Pie chart as desired.

3. Drag the Pie Chart to the desired location which is to the right of the column charts.

Answer: A

Explanation: References: https://support.office.com/en-us/article/Add-a-pie-chart-1A5F08AE-BA40-46F2-9ED0-FF84873B7863

Question: 5

SIMULATION Project 7 of 7: Farmers Market Overview You are the Director of a local farmers' market. You are creating and modifying charts for a report which shows the amounts and variety of products sold during the season.

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	Vegetables		\$1,520.00	\$6,438.0		\$4,533.00	\$12,49							-	
	Jams & Honey		\$5,030.00	\$6,738.0	00	\$8,323.00	\$20,09	1.00							
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On the "Summer Sales" worksheet, add the "Total" data series to the "Top Sellers" column chart. Include the total only for "Fruits", "Vegetables", and "Jams & Honey".

A. 1. Select the "Top Sellers" column chart.

2. Click on the particular data point you want to label, click Add Chart Element =, from the upper right corner next to the chart, then select Data Labels.

3. Then click Format Data Labels.

4. The Data Label Range dialog box would appear, select the data range which are the cell values you want to appear in the labels, in this case it would be the "Total" colunn .

B. 1. Select the "Top Sellers" column chart.

2. Click on the particular data point you want to label, click Add Chart Element +, from the upper right corner next to the chart, then select Data Labels.

3. Then click Format Data Labels.

4. The Data Label Range dialog box would appear, select the data range which are the cell values you want to appear in the labels, in this case it would be the "Total" column for "Fruits", "Vegetables", and "Jams & Honey", then click OK.

Answer: B

Explanation: References: https://support.office.com/en-us/article/add-or-remove-data-labels-in-a-chart-884bf2f1-2e29-454e-8b42-f467c9f4eb2d

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