Midterm P2

Due Jul 2 at 4pm **Points** 100 **Questions** 50

Available Jul 2 at 12:30pm - Jul 2 at 4pm about 4 hours Time Limit 60 Minutes

Attempt History

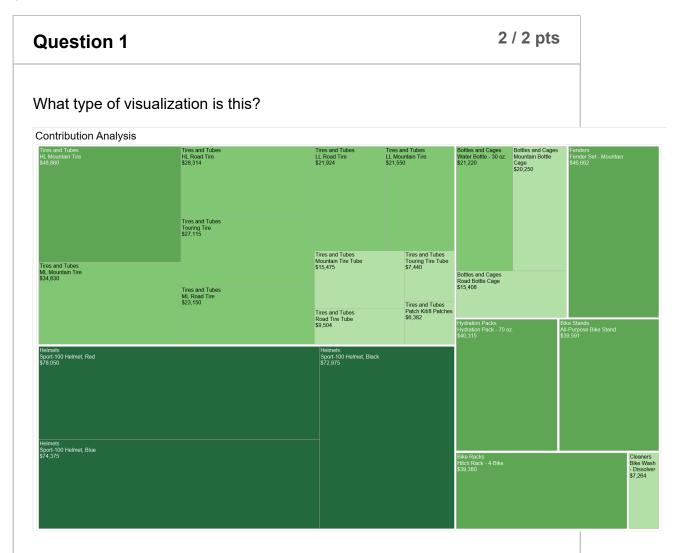
	Attempt	Time	Score
LATEST	Attempt 1	60 minutes	76 out of 100

(!) Correct answers are hidden.

Score for this quiz: 76 out of 100

Submitted Jul 2 at 2:35pm

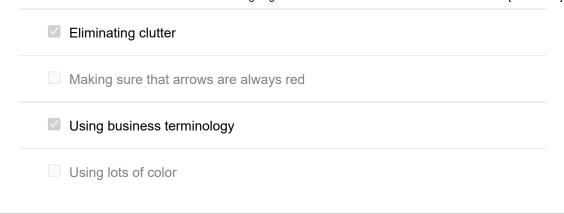
This attempt took 60 minutes.

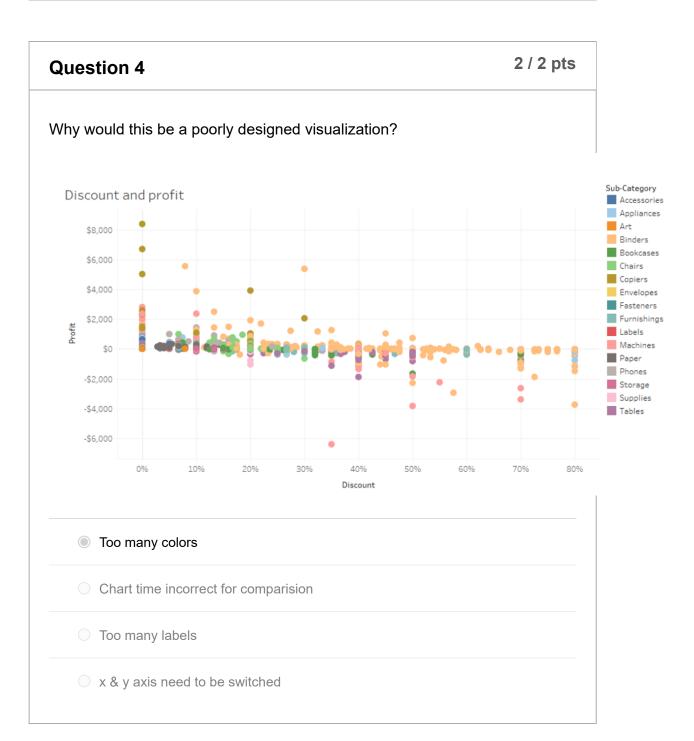


Treemap	
O Box plot	
○ Gauges	
Oistribution	
Bar Chart	
○ Histogram	

What BI persona would typically have the skills to perform predictive analytics? Power users Data scientist Analysts Casual consumers

Question 3	2 / 2 pts
You can make the BI presentation model more relevant by: (2 ans	swers)
Using the sans serif font	





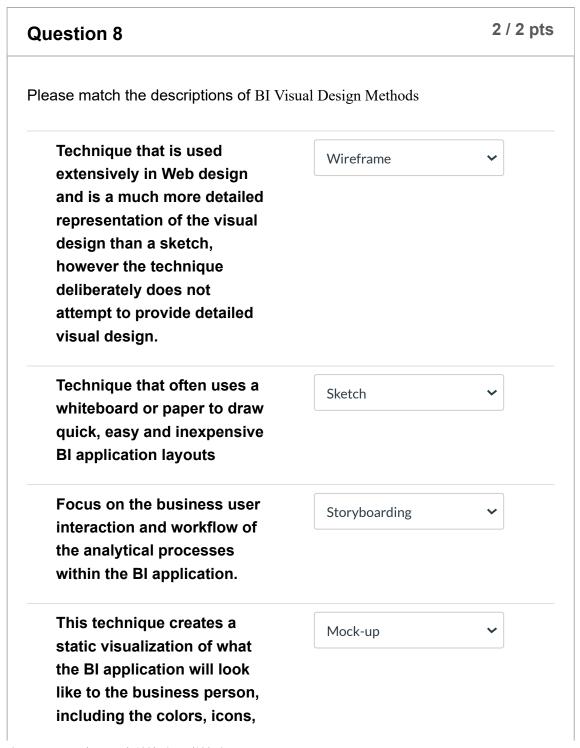
Question 5	0 / 2 pts
Why should you consider avoiding red & green as your default cold visualization?	ors in a
Blue & orange are prettier colors	
8% or men are color blind	
Red generally means negative & green implies positive numbers	

Incorrect

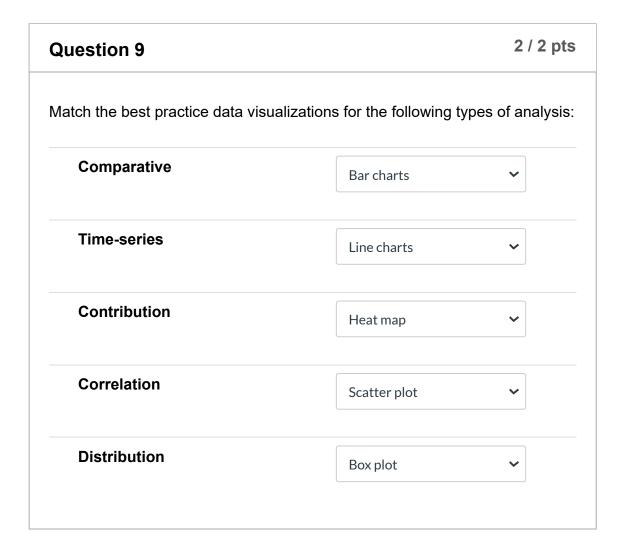
Question 6	0 / 2 pts
what data visualization would NOT be used to illustrate compositio	n
○ tree map	
stacked area chart	
○ bar chart	
○ pie chart	
waterfall chart	

Question 7	2 / 2 pts
What is the data visualization that is considered the best practice f correlation analysis?	or
Scatter plot	

O Heat map	
Box plot	
O Line graph	
O Pie Chart	



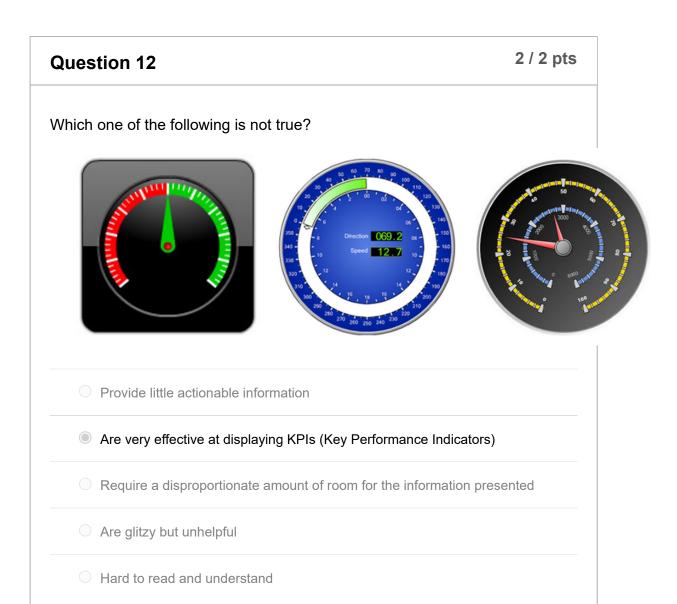
buttons, text and charts that will be used.



Question 10	2 / 2 pts
What is the final type of BI application testing?	
Developer integration testing	
Systems & performance testing	
 User acceptance testing 	

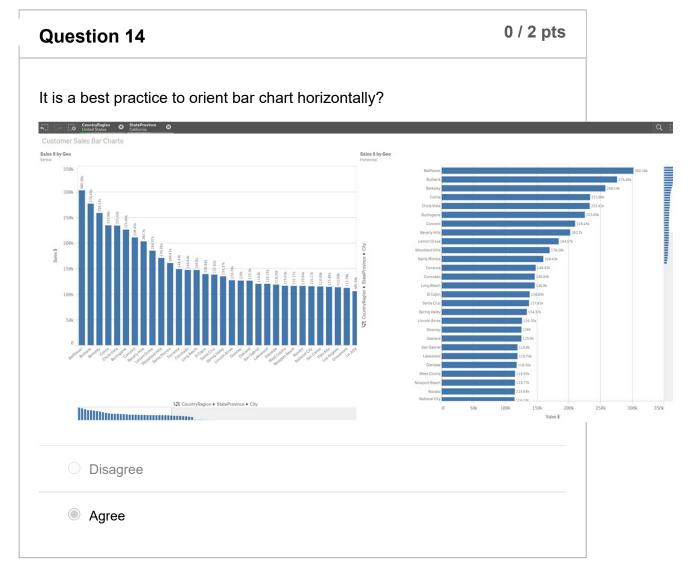
User unit testing

Question 11	2 / 2 pts
Data quality problems originate in the data warehouse?	
○ True	
False	



Question 13 What BI persona includes people may either be great BI advocates or sabotage Bi efforts by creating data shadow systems? Analysts Power users Casual users Data scientist

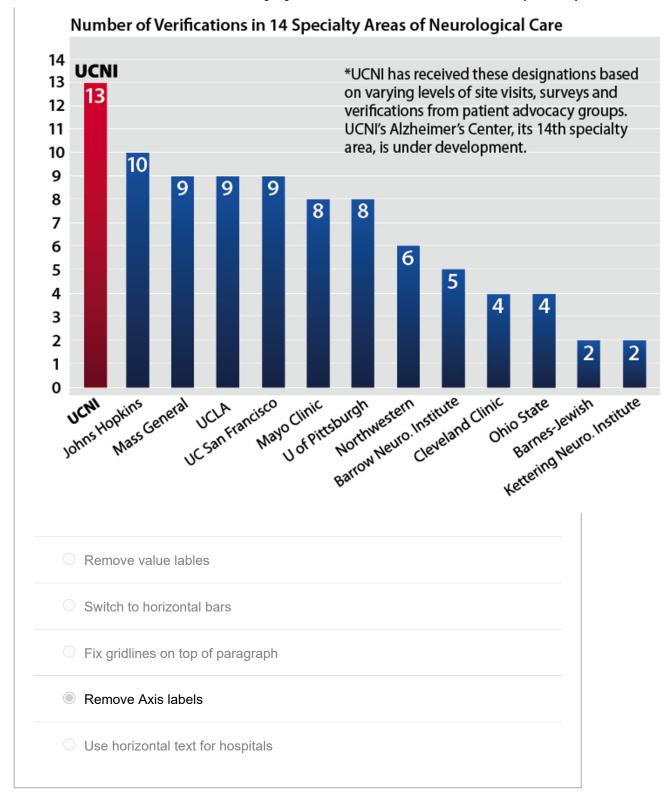
Incorrect

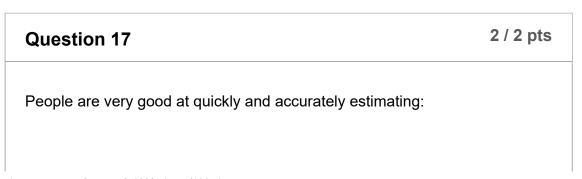


Question 15	2 / 2 pts
which of the following data visualizations would be least likely to be comparison?	e used for
circular area chart	
o bar chart vertical	
o variable width chart	
histogram	
○ line chart	
bar chart horizontal	

Question 16 0 / 2 pts

What would you NOT do if you were trying to improve this data visualization?





A spreadsheet with thousands of numbers
Differentiating dozens of colors at once
Arc of a donut chart
Angles of a pie chart
Length and Height of Bars on bar chart

Question 18	2 / 2 pts
When designing a BI application, what is more important?	
Eye-catching graphics	
Cool fonts	
Consistent template	
Elegant design	

Question 19	2 / 2 pts
What BI persona includes people in an enterprise who regularly us applications to gather and explore data they need to perform their	
○ HR managers	
O Power brokers	
Casual consumers	
Analyst	

O Python developers

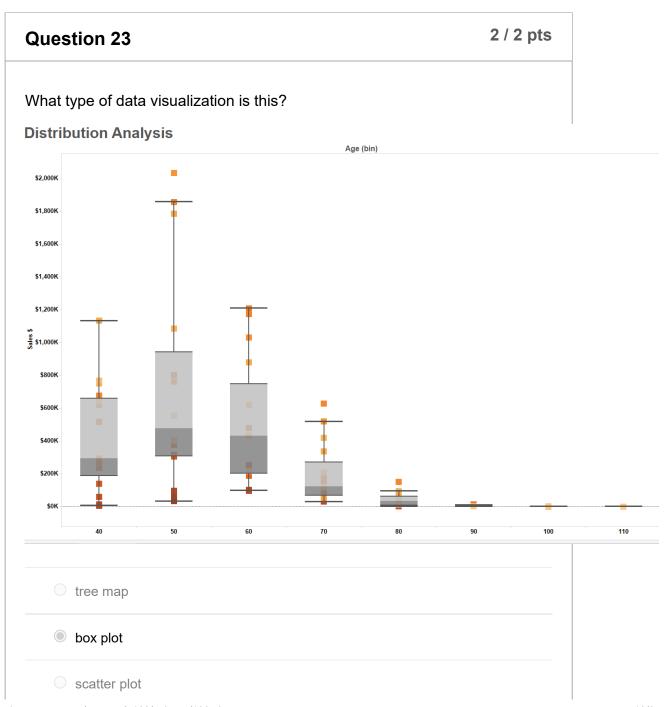
Question 20	2 / 2 pts
The convention for the trending charts is for time to be displayed _ axis while the measure is displayed on theaxis	
○ y,x	
x,y	

Question 21	2 / 2 pts
What project deliverable does the project team need to develop in design and document the BI applications that will be built?	n order to
Data profiling	
BI content specification	
Dimensional data model	
Source-to-Target mapping	

Question 22 2 / 2 pts

What is the most significant roadblock to expanding the use of self-service BI in an enterprise?

Big da	ta
Relation	onal databases
Data ir	nconsistency
O BI tool	functionality
O IT bac	klog



heat	map
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Question 24 What would be the preferred data visualization to compare more than two variables circular area chart bar chart tree map histogram

The most important data on the dashboard should be placed what location on a dashboard or report? In the absolute center of the screen Anywhere as long as the typeface is bold The right-hand quadrant In the upper left-hand corner

Incorrect

Question 26 0 / 2 pts

The 5 C's of the Analytical Data Architecture are consistent, clean, comprehensive, current and what?

conformed

Incorrect

Question 27	0 / 2 pts
What was the data architecture that Bill Inmon advocated?	
Hub-And-Spoke	
Tido / tido Spoke	

Question 28	2 / 2 pts
What type of schema does a n OLAP, in-memory, columnar or no BI data store use	n-relational
Denormalized	
Hybrid Dimesional Normalized	
Logically dimensional	
O 3NF	
○ EER	

Question 29 2 / 2 pts

Enterprises ODS alone	s with both an EDW and ODS could get their reports from can
True	е
O Fals	se

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Question 30	0 / 2 pts
What sort of data model is used for EDW: Distribution schema	
Hybrid dimensional-normalized	
BCNF	
O 3NF	
Denormalized	
None	
Dimensional	

Question 31	2 / 2 pts
What layers of data enable Business Intelligence? (select 3 answers)	
SOD	
☑ SOA	
☑ SOI	

	3 3		•
OLAP			
ROI			
SOB			
SOR			

Question 32	2 / 2 pts
Key Building Block of Inmon's CIF is	
All of the above	
Enterprise Data Warehouse (EDW)	
O Data Mart	
O Data Quality	

Question 33	2 / 2 pts
What kind of data is fed from the operational environment in warehouse on an ongoing basis?	to the data
Current detail data	
Lightly summarized data	
Highly summarized data	
Older detail data	

Question 34	0 / 2 pts
The process of removing the deficiencies and loopholes in the data is called:	
Aggregation of data	
None of the answers	
Loading of data	
Cleaning up of data	
Extracting of data	

Incorrect

Question 35	0 / 2 pts
Which of the following is true:	
A data mart becomes a data warehouse when it reaches a critical size	
Once created, the data marts will keep on being updated from the data warehouse at periodic times	
Once created, the data marts will directly receive their new data from the operational databases	
O Data lakes are the new data marts	
The data marts are different groups of tables in the data warehouse	

Question 36	2 / 2 pts
What is not a DW attribute	
Integrated	
Time Variant	
Subject Oriented	
Volatile	

Question 37	2 / 2 pts
Characteristics of ODS	
All of the above	
Offers pre-built reporting or integration solution for enterprise applications.	ations
Enables consolidated reporting	
Integrates data from multiple source systems	

Question 38	2 / 2 pts
Business Intelligence and data warehousing is used for	
Production reporting	
Predictive analytics	

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O Fo	precasting
O No	one of the above
All	of the above
O Da	ata mining

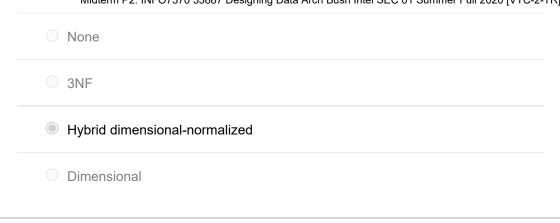
Question 39	2 / 2 pts
What is not the attributes of DW	
○ Time Variant	
Subject Oriented	
Integrated	
Volatile	

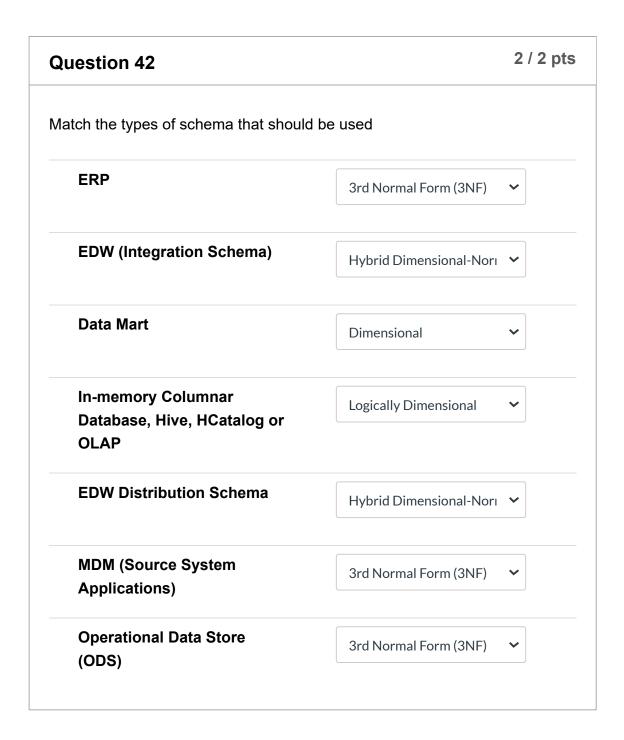
Question 40	2 / 2 pts
What was the data architecture that Ralph Kimball advocated? Data Bus	

Question 41

0 / 2 pts

What sort of data model is used for EDW: Distribution schema

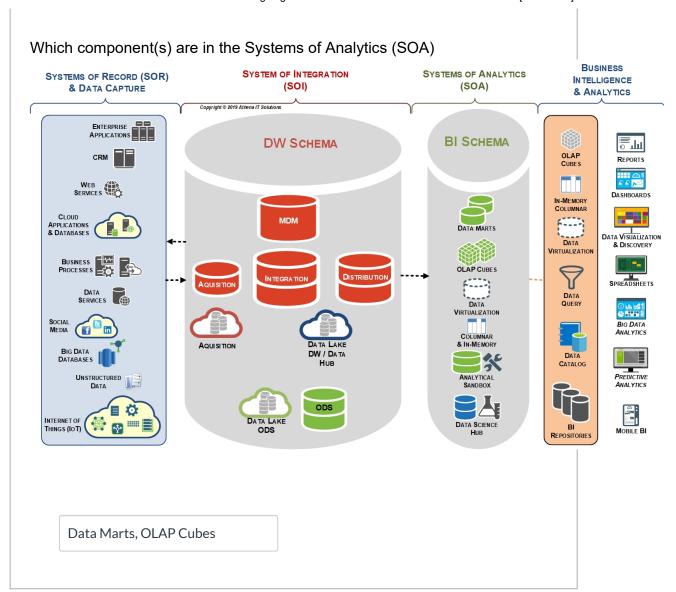


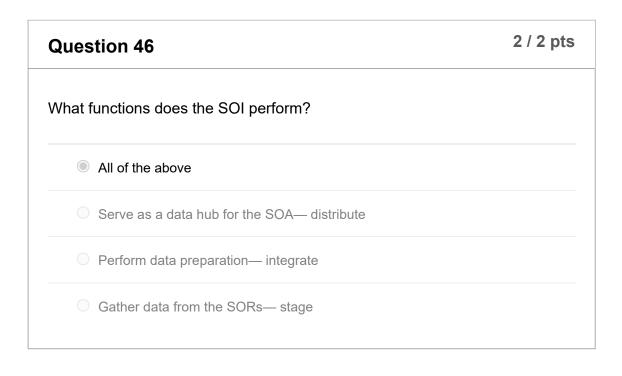


Question 43	2 / 2 pts
A MDM application can use what schema(s)	
☐ Dimensional Model	
Hybrid Dimensional-Normalized	
✓ 3NF	
Columnar	
☐ Denormalized model	

Question 44	2 / 2 pts
A logical data warehouse can use a polyglot database	
True	
○ False	

Question 45 0 / 2 pts





Question 47	2 / 2 pts
The 5 C's of data are:	
 Consistent, clean, comprehensive, conformed & current 	
Consistent, clean, controlled, compared & current	
Consistent, clean, complete, confirmed & confounded	
Consistent, clean, concise, current & compounded	

Question 48	2 / 2 pts
The Enterprise Data Warehouse is split into what schemas?(select 2 answers)	
Data architecture	
✓ Data distribution	
Data integration	
☐ BI schema	
Denormalized	
SOR	

Question 49	2 / 2 pts
The data franchising processes are:	

Sather, filter and subset data. Restructure or denormalize data. Perform
Sather and analyze data. Import data into cubes. Perform SQL queries on the ata. Filter out the data needed for analytics.
Gather data from the business group's spreadsheets. Restructure or enormalize it. Import into a SQL database. Store data.
Sather data from the ODS. Stage data in data shadow systems. Perform usiness transformations and metrics calculations. Perform ETL.

Question 50	2 / 2 pts
During the DW versus data mart debate, it was dependant data mathematical the data marts advocates were promoting	arts that
True	
False	

Quiz Score: 76 out of 100