Question 6

Partially correct

Mark 0.67 out of 1.00

Flag question

Why does this visualization suck?

- [x] a. What do the colors mean? ✓
- [ ] b. It is not. It is actually simple and understandable.
- [x] c. What are we actually representing? ✓
- [ ] d. What do the areas mean?

Your answer is partially correct.

You have correctly selected 2.

Question 5

Correct

Mark 1.00 out of 1.00

Flag question

How can you get different views on a large dataset6?

- a. Large displays
- b. Several overlapping windows
- c. 3D visualizations
- d. Interaction ✓

Your answer is correct.

Question 18

Correct

Mark 1.00 out of 1.00

Flag question

Consider the following dataset:

Color	Width	Height
red	21	3
red	32	
blue	10	9
green	12	8
red	31	4
blue	23	6

what value would you fill the missing cell with, using the Nearest Neighbour method?

a. 6

b. -1

c. 4 ✓

d. 10

Your answer is correct.

Question 16

Correct

Mark 1.00 out of 1.00

Flag question

Consider the following dataset:

Name	Age	Height
Sam Smith	43	1.50
Peter Paulson	23	1.60
Doug Davies	32	1.75

Which are its items?

a. each line in the table (except for the header) ✓

b. Name, Age, Height

c. Sam Smith, Peter Paulson, Doug Davies

d. each column in the table (except for the header)

e. 43, 1.50, 23, 1.60, 32, 1.75

Your answer is correct.

Question 5

Correct

Mark 1.00 out of 1.00

Flag question

Why is infovis better than just having data on a table?

a. Better for easily distracted people

b. Sells better

c. Much easier to understand what's going on in the dataset ✓

d. Works better online.

Your answer is correct.

Question 6

Correct

Mark 1.00 out of 1.00

Flag question

How can you get different views on a large dataset6?

a. Large displays

b. 3D visualizations

c. Interaction ✓

d. Several overlapping windows

Your answer is correct.

Your answer is correct.

Question 10

Partially correct

Mark 0.50 out of 1.00

Flag question

When getting to know a problem domain for something you're going to visualize, you need to understand

a. The users

b. The vocabulary used in that area

c. The available data ✓

d. The users' questions ✓

Your answer is partially correct.

You have correctly selected 2.

Question 13

Correct

Mark 1.00 out of 1.00

Flag question

What is the type of the following attribute:

Height, expressed as "small", "medium", "tall"

a. Ratio

b. Ordinal ✓

c. Continuous

d. Nominal

Your answer is correct.

Question 11

Correct

Mark 1.00 out of 1.00

Flag question

The main thing to consider when choosing a visual representation for the data is...

a. whether it matches the tasks to be performed ✓

b. its ability to tell an appealing story

c. its simplicity of use

d. its aesthetic value

Your answer is correct.

Question 12

Correct

Mark 1.00 out of 1.00

Flag question

The first thing to do when starting to design a vis is to...

a. Choose a visual encoding for the data

b. Understand the problem domain ✓

c. Choose the technology to use.

d. Clean the dataset

Your answer is correct.

Your answer is correct.

Question 7

Partially correct

Mark 0.50 out of 1.00

Flag question

Understand for which abstract tasks our real tasks are an example is important because...

a. It will allow us to find the generic solution to that generic task, which we can then use in our case

b. It will allow us to better understand the problem domain

c. It will allow us to perhaps make our visualization simpler, by brining several tasks together ✓

d. It will allow us to see what data we need to use in our visualization

Your answer is partially correct.

You have correctly selected 1.

Question 3

Correct

Mark 1.00 out of 1.00

Flag question

Interactivity is relevant in infovis to...

a. we don't really need interaction.

b. ...make things prettier

c. ...replace the need for human interpretation

d. ...provide different insights on the data ✓

Your answer is correct.

Question 7

Correct

Mark 1.00 out of 1.00

Flag question

Why should we use the real, full dataset as soon as possible when designing our visualization?

a. To see if the computer can handle the load

b. To see if the visualization can scale to the representation of all the data we have ✓

c. To see if the data has been properly prepared for visualization

d. To see if we have enough storage space

Your answer is correct.

Question 8

Correct

Mark 1.00 out of 1.00

Flag question

What would be a good abstraction for the following question: "Does spending more money on advertising increase the number of candidates"?

a. See if two continuous variables correlate ✓

b. Compare the averages of two continuous variables

c. See if the amount of money spent in marketing by IST in 2020 is related to the number of candidates in 2021

d. See if the number of candidates in different schools is cotinuously distributed

Your answer is correct.

Question 1

Partially correct

Mark 0.67 out of 1.00

Flag question

Which of the following are defining features of InfoVis?

a. Human in the Loop

b. Use of machine learning

c. Help with tasks ✓

d. Computer in the loop ✓

Your answer is partially correct.

You have correctly selected 2.

Question 11

Correct

Mark 1.00 out of 1.00

Flag question

OF the three generic questions we must take into consideration when designing a vis, "how" concerns itself with...

- a. The visual representation of the data ✓
- b. The questions the user will get the answer to
- c. The data being visualized
- d. The tasks the user will perform

Your answer is correct.

a. If centers on the essential in the dataset based on the question people need the answer to ✓

Question 17

Correct

Mark 1.00 out of 1.00

Flag question

What is the type of the following attribute:

The manufacturer of the graphics cards sold in a store.

- a. Ratio
- b. Continuous
- c. Ordinal
- d. Nominal ✓

Your answer is correct.

Mark 1.00 out of 1.00

A person's temperature, in centigrade

Question 15

Correct

Mark 1.00 out of 1.00

Flag question

Consider the following dataset:

Color	Width	Height
red	21	3
red	32	
blue	10	9
green	12	8
red	31	4
blue	23	6

what value would you fill the missing cell with, using the Sentinel method?

- a. 4
- b. 10
- c. -1 ✓
- d. 6

Your answer is correct.

Your answer is correct.

Question 18

Correct

Mark 1.00 out of 1.00

Flag question

Consider the following dataset:

Name	Age	Height
Sam Smith	43	1.50
Peter Paulson	23	1.60
Doug Davies	32	1.75

Which are its attributes?

a. each line in the table (except for the header)

b. Sam Smith, Peter Paulson, Doug Davies

c. Name, Age, Height ✓

d. each column in the table (except for the header)

e. 43, 1.50, 23, 1.60, 32, 1.75

Your answer is correct.

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

Why is infovis better than just having data on a table?

a. Sells better

b. Works better online.

c. Much easier to understand what's going on in the dataset ✓

d. Better for easily distracted people

Your answer is correct.

Question 2

Correct

Mark 1.00 out of 1.00

Flag question

There is infovis only...

a. ... since people learned how to draw ✓

b. ... since

c. ... since there are computers

d. ... since there are interactive graphic displays

e. ... since the advent of social media

Your answer is correct.

Question 15

Correct

Mark 1.00 out of 1.00

Flag question

What is the type of the following attribute:

A person´s height

a. Ratio ✓

b. Continuous

c. Ordinal

d. Nominal

Your answer is correct.