Due on 2019-08-21, 23:59 IST.

1 point

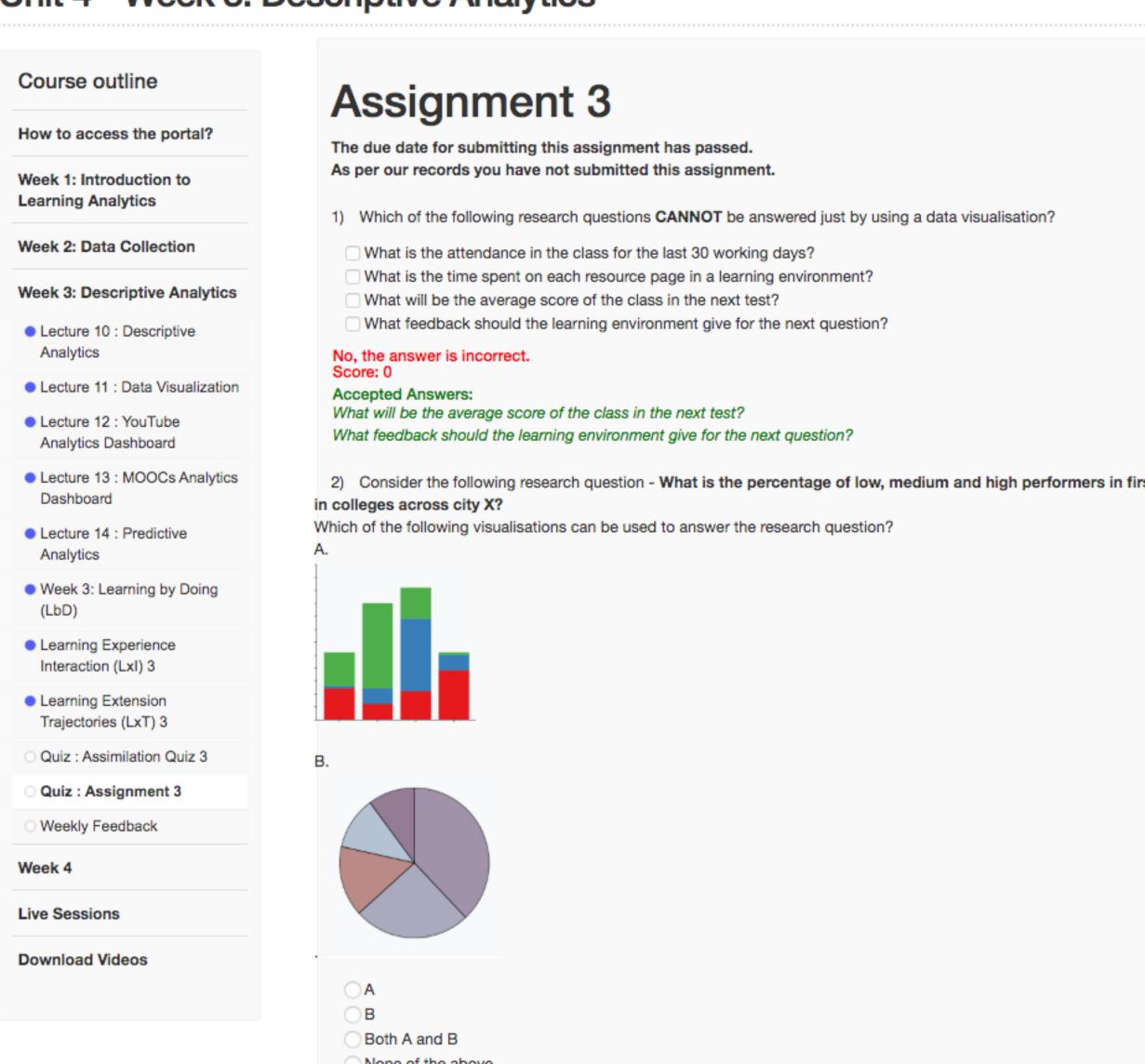
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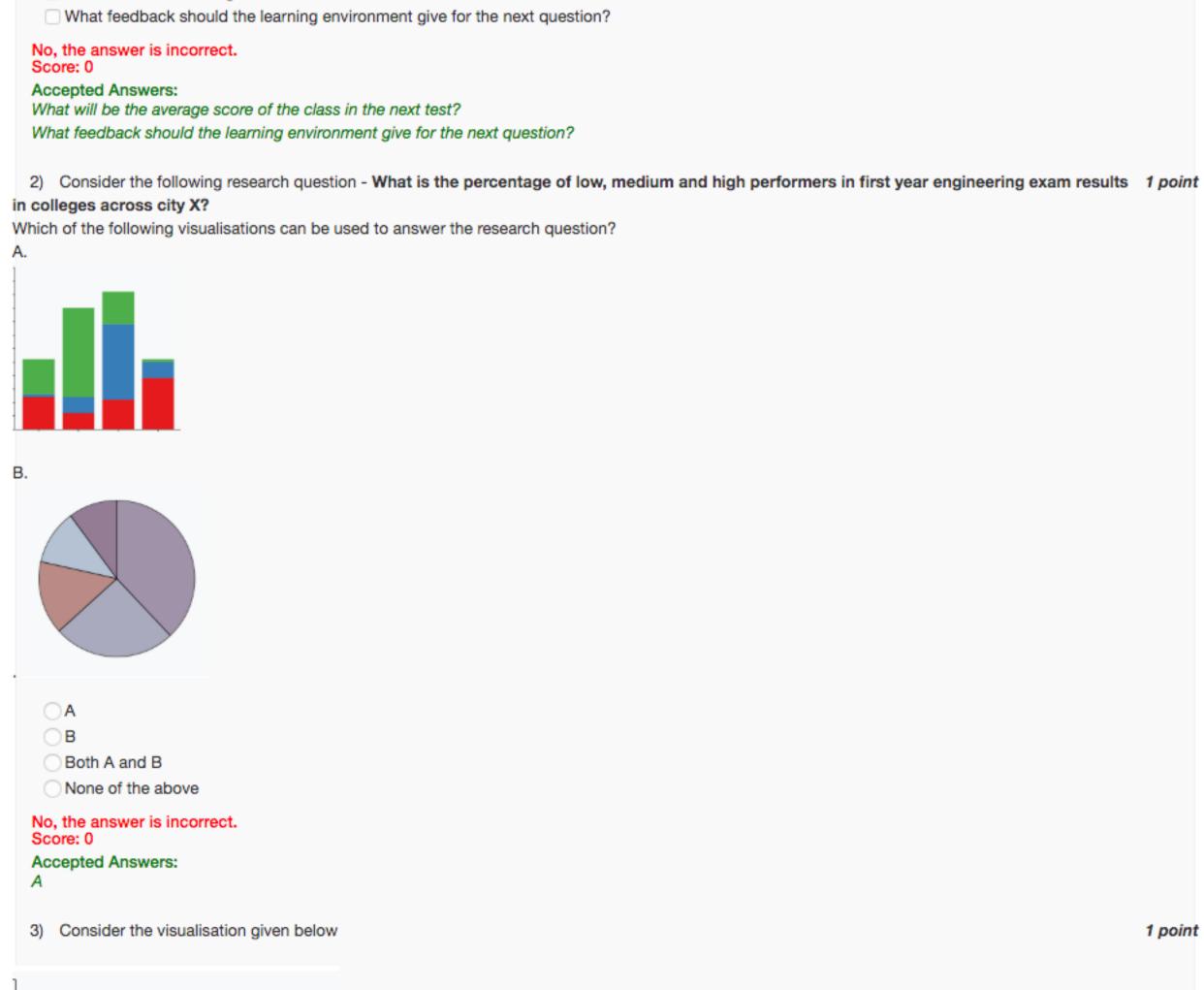
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Unit 4 - Week 3: Descriptive Analytics





Which of the following research questions can be answered using the visualization? What is the time that a learner spends on each video in an NPTEL course 'X'? How many students will score above 90% in the upcoming final term exam?

How many hours does a learner interact with the learning environment over a week? What is the effect of using videos in the classroom on students' score in the midterm?

- No, the answer is incorrect. Score: 0
- Accepted Answers: What is the time that a learner spends on each video in an NPTEL course 'X'?

How many hours does a learner interact with the learning environment over a week?

Bar charts are always better than pie-charts

<student_id>,<page_id>,<activity_id>,<time_spent_on_page>

Given this data, what research questions can you answer? Check all that apply.

4) Which of the following statements are TRUE of visualisations based on research? 3D charts are always better than 2D charts

The choice of visualization depends on the research question you want to answer None of the above No, the answer is incorrect. Score: 0 Accepted Answers: The choice of visualization depends on the research question you want to answer

What are different ways in which learners navigate through activities in the learning environment? In which activity do learners spend the maximum time? Which activities are difficult for learners to understand?

5) You are given the following data from a study conducted with users interacting with a learning environment

Which features of the learning environment do learners use the most?

No, the answer is incorrect. Score: 0

Accepted Answers: What are different ways in which learners navigate through activities in the learning environment? In which activity do learners spend the maximum time?

6) Which of the following question is a type of Predictive Analytics? What is the average age of learners in the class?

What type of videos does a particular learner like to watch?

What is the relation between learners age and their marks in an NPTEL course? None of the above

Score: 0 Accepted Answers: What type of videos does a particular learner like to watch?

No, the answer is incorrect.

7) You have a TELE for Maths which you intend to use in your class. Which of the below historical data is a better option to create a predictive model for 1 point the Math learning environment?

Data you collected from a similar learning environment for Chemistry from the previous year in your class

Data you collected using same TELE from the previous year students in your class All of the above

No, the answer is incorrect. Score: 0

Data collected from the Math learning environment by teachers in various schools in US

Accepted Answers: Data you collected using same TELE from the previous year students in your class

8) In a class, students are using a learning environment to learn algebra. The teacher has a dashboard available where she can see the progress of each 1 point student. How can the dashboard help the teacher?

Identify the average time the class takes to complete a task Identify how many students fail to complete the task

9) You have collected an online survey data of 400 students in your university. Before analyzing the data, what are important steps that you should take 1 point

Identify which students are taking a long time and help them All of the above No, the answer is incorrect. Score: 0 Accepted Answers: All of the above

Clean up missed values Delete outliers in the data

Decide which questions you want to answer from the data

Score: 0 Accepted Answers:

No, the answer is incorrect.

All of the above

after collecting the data?

