

Lab 1 - Data Analytics Concepts Quiz

Instructions

1. Answer the below question in the boxes provided.
2. Please submit the assignment through TalentLabs Learning System.

Questions

Question 1:

Name **four** key roles within the data ecosystem.

Data Engineer, Data Analyst, Data Scientist, Business Analyst

Question 2:

Provide **one** example of an emerging technology which is reshaping the data ecosystem.

Machine Learning

Question 3:

What is the main role of a data analyst?

Generate insights from the data

Question 4:

What is the first step of a data analytics workflow?

Understand the problem and the desired outcome

Question 5:

What is the last step of the data analytics workflow?

Effectively communicating the final report and insights to stakeholders



Question 6:

What do analysts do to data during the data wrangling step? (Keyword answers are fine)

Cleaning data

Question 7:

Who are stakeholders?

People who invested time and resources for a particular project

Question 8:

Name **three** highly valuable **soft skills** for data analysts.

Communication, Storytelling, Curiosity

Question 9:

Give **one** example of **each**: structured, unstructured, and semi-structured data. (3 in total)

Structured data: Excel
Unstructured data: Photos
Semi-structured data: Emails

Question 10:

Diagnostic Analytics answer which question?

- a. What will happen in the future?
- b. What happened?
- c. What should be done next?
- d. Why it happened?

Provide **one** letter as an answer.

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