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?

* 1. What will happen in the future?
  2. What happened?
  3. What should be done next?
  4. Why it happened?

Provide **one** letter as an answer.

|  |
| --- |
| d |