**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.

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| Data Engineer, Data Analyst, Data Scientist, Business Analyst |

**Question 2:**

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

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| Machine Learning |

**Question 3:**

What is the main role of a data analyst?

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| Generate insights from the data |

**Question 4:**

What is the first step of a data analytics workflow?

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| Understand the problem and the desired outcome |

**Question 5:**

What is the last step of the data analytics workflow?

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| 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)

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| Cleaning data |

**Question 7:**

Who are stakeholders?

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| People who invested time and resources for a particular project |

**Question 8:**

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

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| Communication, Storytelling, Curiosity |

**Question 9:**

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

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| 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.

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