

NIET

Data Analytics Assesment-1

Date: 17-02-2023

Time:2-2:30pm

Assesment-1.A

1. Student Name *

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2. Student Roll Number *

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3. Branch *

☐ CSE

☒ IT

4. Section *

☐ Section A

☒ Section B

☐ Section C

Section

5. Amongst which of the following can be considered as the main source of unstructured data * (1 Point)

- ☐ Twitter
- ☐ Facebook
- ☐ Webpages
- ☒ All of the above

6. Point out the correct statement. * (1 Point)

- ☒ Raw data is original source of data
- ☐ Pre-processed data is original source of data
- ☐ Raw data is the data obtained after processing steps
- ☐ None of the above

7. Choose whether the following statement is true or false: A dataframe is an unstructured representation of data * (1 Point)

- ☐ True
- ☒ False

8. Data in Bytes is called Big data * (1 Point)

- ☐ hexa
- ☐ Giga
- ☒ Tera
- ☐ Peta

9. Identify the key data science skills among the following * (1 Point)

- ☐ Deep Learning.
- ☐ Machine learning
- ☐ Statistics All of the above
- ☒ All of the above

10. A collection of information about a related topic is referred to as a_____ * (1 Point)

- ☐ Visualisation
- ☐ Analysis
- ☐ Conclusion
- ☒ Data

11. In Big Data environments, Velocity refers- * (1 Point)

- ☒ Data can arrive at fast speed
- ☐ Enormous datasets can accumulate within very short periods of time
- ☐ Velocity of data translates into the amount of time it takes for the data to be processed
- ☐ All of the above

12. Which of the following is not a part of data science process? * (1 Point)

- ☐ Discovery
- ☐ Model Planning
- ☒ Communication
- ☐ Building Operationalize

13. Which of the following uses data on some object to predict values for other object? * (1 Point)

- ☐ Inferential
- ☐ Exploratory
- ☒ Predictive
- ☐ None of the above

14. Which of the following are the benefits of Big Data Processing? * (1 Point)

- ☐ Cost Reduction
- ☐ Time Reduction
- ☐ Smarter Business Decisions
- ☒ All of the above

15. The techniques by which we can study an individual's personality by observing his/her style of life, behavior, manner, thoughts and feelings is called * (1 Point)

- ☐ Inventory
- ☒ Case History
- ☐ Rating scale
- ☐ Projective

16. Categorical data is also known as: * (1 Point)

- ☒ Qualitative
- ☐ Quantitative

17. A teacher notes down the weight of each student in the class. What level of measurement is being used in this case? * (1 Point)

- ☐ Ordinal
- ☒ Ratio
- ☐ Nominal
- ☐ Interval

18. gives the number of times a particular entry occurs. * (1 Point)

- ☐ Organization of data
- ☐ Collection of data
- ☐ Representation of
- ☒ Data Frequency distribution table

19. Transactional Data is a information that is captured from * (1 Point)

- ☒ Transactions
- ☐ Social media
- ☐ Both 1 and 2
- ☐ None of the above

20. Data manipulation tools deliver: * (1 Point)

- ☐ Data consistency
- ☐ Data Removal
- ☐ Data Projection
- ☒ All of the above

21. Data which has already been collected, analyzed is: * (1 Point)

- ☐ Primary Data
- ☒ Secondary Data
- ☐ Both 1 and 2
- ☐ None of the above

22. Primary data is original data? * (1 Point)

- ☒ True
- ☐ False

23. Employee table in a database is an example of * (1 Point)

- ☒ Strucured Data
- ☐ Unstructured Data
- ☐ Semi Structured Data
- ☐ None of the above

24. A researcher wants to study the association between gender and using a mobile phone.
Data collected for this study will be..... * (1 Point)

- ☐ Quantitative data
- ☒ Qualitative data
- ☐ Continuous data
- ☐ Classified data

25. Which data is cheaper to collect? * (1 Point)

- ☐ Primary Data
- ☒ Secondary Data
- ☐ New Data
- ☐ Collective data

26. The process of manipulating or changing information to make it more organized is known as * (1 Point)

- ☐ Data Collection
- ☒ Data Manipulation
- ☐ Data Selection
- ☐ None of the above

27. XML is an example of * (1 Point)

- ☐ Strucured Data
- ☐ Unstructured Data
- ☒ Semi Structured Data
- ☐ None of the above

28. The total forms of Big data is..... * (1 Point)

- ☐ 1
- ☐ 2
- ☒ 3
- ☐ 4

29. Which of the following analysis is usually modeled by deterministic set of equations? * (1 Point)

- ☐ Predictive
- ☐ Causal
- ☒ Mexhanistic
- ☐ All of the above

30. Credit scoring through Neural Network, Sum and Standard Deviation on KNIME.....

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