MID EXAM IMP QUESTIONS

PHASE-2

Subject Name: Introduction to Machine Learning

Subject Code: [4350702]

1. Describe different types of Machine learning Activities.
2. Explain Types of Data in Machine learning.
3. Explain Data preprocessing.
4. Explain Data quality and remediation.
5. Give difference between Categorical Data & Numeric Data.
6. Define Supervised Learning Model and list its types.
7. Write Steps in Supervised Machine learning. Also give real world examples.
8. What is classification? Explain K-Nearest Neighbor algorithm with example.
9. Explain Regression with example.
10. Explain Logistic Regression with example.
11. What is Unsupervised learning? List types and give real world examples.
12. Explain Clustering with example?
13. Explain Association with example?
14. Explain advantage and disadvantage of supervised machine learning.
15. Write a Python program to implement K-Nearest Neighbor supervised machine learning algorithm for given dataset. (Practical-13)
16. Write a Python program using Scikit-learn to print the keys, number of rows-columns, feature names and the description of the given data. (Practical-12)
17. Write a Pandas program to implement following operation

• to find and drop the missing values from the given dataset

• to remove the duplicates from the given dataset. (Practical-10)