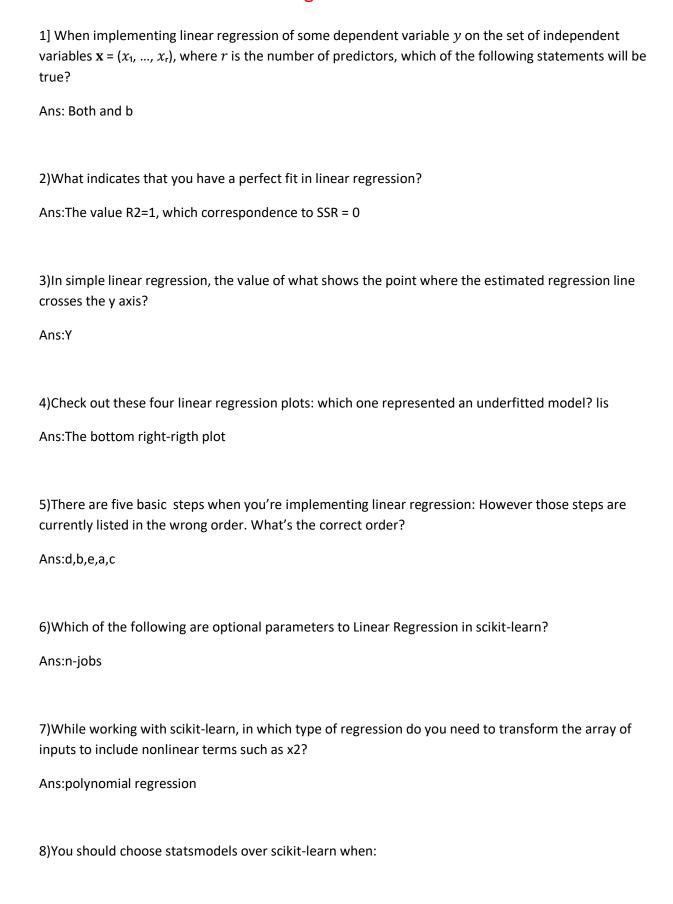
## Assignment: 3



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Ans: You want graphical representation of your data 9)\_\_\_\_\_ is a fundamental package of scientific computing with python. It offers comprehensive mathematical functions, random number generators, linear algebra routines, fourier transforms Ans:Numpy 10) \_\_\_\_\_ is a Python data visualization library based on Matplotlib. It provides a high-level interface for drawing attractive and informative statistical graphics that allow you to explore and understand your data. It integrates closely with pandas data structures. Ans:Seaborn 11) Among the following identify the one in which dimensionality reduction reduces. Ans:Collinearity 12) Which of the following machine learning algorithm is based upon the idea of bagging? Ans: Random Forest 13) Choose a disadvantage of decision trees among the following Ans: Decision Tree are prone to overfit 14) What is the term known as on which the machine learning algorithms build a model based on sample data? Ans: Training data 15) Which of the following machine learning techniques helps in detecting the outliers in data? Ans: Anamoly detection

## Assignment: 3

16) Identify the incorrect numerical functions in the various function representation of machine learning.
Ans: Case based
17) Analysis of ML algorithm needs
Ans:Staistical learning
18) Identify the difficulties with the k-nearest neighbor algorithm.
Ans:Both a and b
19)The total types of the layer in radial basis function neural networks is
Ans:3
20) Which of the following is not a supervised learning
Ans:PCA