File1-d2

21. When implementing linear regression of some dependent variable □ on the set of independent
variables □ = (□$_1$, ..., □$_r$), where □ is the number of predictors, which of the following statements will
be true

Ans:

22. What indicates that you have a **perfect fit** in linear regression?

Ans:A

23. In simple linear regression, the value of **what** shows the point where the estimated regression line
crosses the y axis?

Ans:C

24. Check out these four linear regression plots:, Which one represents an **underfitted** model?
Ans: B

25. There are five basic steps when you′re implementing linear regression:
Ans:C
26. Which of the following are optional parameters to LinearRegression in scikit-learn?
Ans:A
27. While working with scikit-learn, in which type of regression do you need to transform the array of
inputs to include nonlinear terms such as □^{2}?
Ans:B
28. You should choose statsmodels over scikit-learn when:
Ans:B
29…… is a fundamental package for scientific computing with Python. It offers comprehensive mathematical functions, random number generators, linear algebra routines, Fourier
transforms, and more. It provides a high-level syntax that makes it accessible and productive.
Ans:D

30. ……..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:C