

Answers:

21. d) Both a and b

22. d) The value $R^2 = 1$, which corresponds to $SSR = 0$

23. b) B_0

24. b) The top-right plot (Underfitting is generally characterized by a model that is too simple and does not capture the underlying patterns in the data.)

25. b) e, d, b, a, c

26. b) `fit_intercept`, c) `normalize`, d) `copy_X`, e) `n_jobs`

27. c) Polynomial regression

28. c) You need more detailed results.

29. b) Numpy

30. b) Seaborn

41. d) Collinearity

42. b) Random Forest

43. c) Decision Tree are prone to overfit

44. c) Training data

45. c) Anomaly detection

46. c) Case based

47. d) Both a and b

48. c) Both a and b

49. a) 1

50. d) KMean