21. a) $\beta_0, \beta_1, \ldots, \beta_r$ are the regression coefficients.

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

23. b) B0

24. d) The top-left plot

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

26. b) fit_intercept c) normalize d) copy_X e) n_jobs f) reshape

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) Anamoly detection

46. c) Case based

47. d) Both a and b

48. c) Both a and b

49. c) 3

50. d) KMeans