

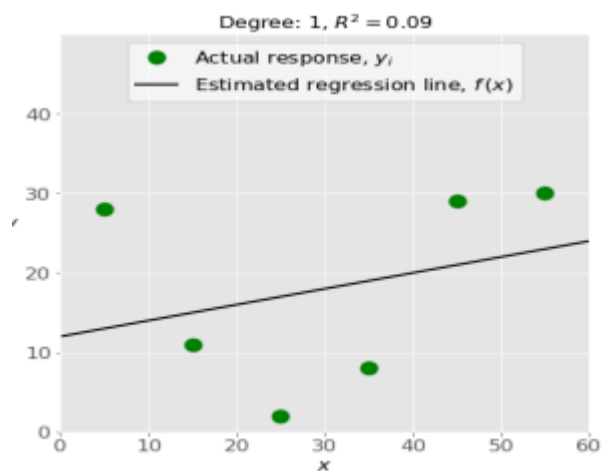
## SOLUTIONS

**Answer 21. (D)** Both A and B ( $\beta_0, \beta_1, \dots, \beta_r$  are the regression coefficients and Linear regression is about determining the best predicted weights by using the method of ordinary least squares)

**Answer 22. (D)** The value  $R^2 = 1$ , which corresponds to  $SSR = 0$

**Answer 23. (A)** Y

**Answer 24. (D)** The top-left plot



**Answer 25. (D)** d, b, e, a, c

**Answer 26. (B)** fit\_intercept **(D)** copy\_X **(E)** n\_jobs

**Answer 27. (C)** Polynomial regression

**Answer 28. (A)** You want graphical representations of your data

**Answer 29. (B)** Numpy

**Answer 30. (B)** Seaborn