

## Assignment dated 13-10-2023

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### Answers

- 21 a)  $\beta_0, \beta_1, \dots, \beta_r$  are the regression coefficients
- 22 d) The value  $R^2 = 1$ , which corresponds to  $SSR = 0$
- 23 b)  $B_0$
- 24 b) The top-right plot
- 25 d) d, b, e, a, c
- 26 b) `fit_intercept` c) `normalize` d) `copy_X` e) `n_jobs`
- 27 c) Polynomial regression
- 28 a) You want graphical representations of your data
- 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 c) 3
- 50 a) PCA