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

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

3) b) B0

4) d) The top-left plot

5) d) d, b, e, a, c

6) f) reshape

7) c) Polynomial regression

8) b) You're working with nonlinear terms.

9) b) Numpy

10) b) Seaborn