



Quiz M4.03

i Question

Let us consider a pipeline that combines a polynomial feature extraction of degree 2 and a linear regression model. Let us assume that the linear regression coefficients are all non-zero and that the dataset contains a single feature. Is the prediction function of this pipeline a straight line?

- a) yes
- b) no

Select a single answer

i Question

Fitting a linear regression where X has `n_features` columns and the target is a single continuous vector, what is the respective type/shape of `coef_` and `intercept_`?

- a) it is not possible to fit a linear regression in dimension higher than 2
- b) array of shape `(n_features,)` and a float
- c) array of shape `(1, n_features)` and an array of shape `(1,)`

Select a single answer

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