

# ML-PROJECT

## Salary Predictor for job search

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Our project here is to predict salaries which are continuous variables. This is a regression problem. We choose Linear Regression because the Linear regression assumes a relationship between input features( $x$ ) and output target( $y$ ).  $y$  can be calculated from a linear combination of  $x$ . Out of all the methods I used, It gave a RMSE of 18.77 and an  $R^2$  score of 0.76. Based on these scores, I pick this method to predict the salaries on the given test data.

we trained the model using the scikit learn Linear regression API which uses ordinary least squares for weight calculation.