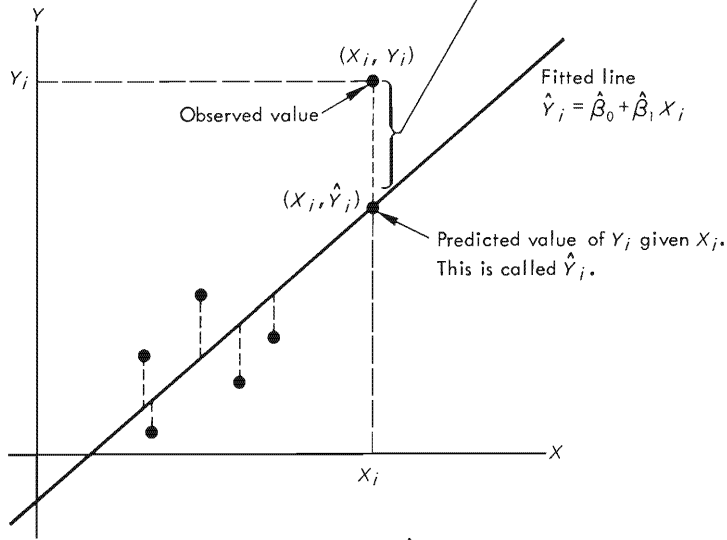


Residual, or error = $e_i = Y_i - \hat{Y}_i$



Predicted value of Y for a given $X_i = \hat{Y}_i$

$$= \hat{\beta}_0 + \hat{\beta}_1 X_i$$