



# Cross- Validation: Predicting Sales





# Behara Study: Predicting Sales

Cross-Validation: 20 K-fold cross validation (p. 428)

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**Table 1.** Comparison of cross validation score of different model

Model	Cross validation score (Mean)	Cross validation score (Std)
Linear regression	1129	43.24
Decision tree	1091	45.42
Ridge regression	1097	43.41



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**Table 2.** Comparison of MAE and RMSE of proposed model with other model

Model	MAE	RMSE
Linear regression	836.1	1127
Decision tree	751.6	1068
Ridge regression	836	1129
<b>Xgboost</b>	<b>749.03</b>	<b>1066</b>