

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.89	0.25	0.88	0.26	0.75	0.38

## Model Results

**Predicted value:** 4.60 days

**Global applicability domain:** Inside

**Local applicability domain index:** 4.96e-01

**Confidence level:** 8.16e-01

## Nearest Neighbors from the Training Set

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5-Methylindan

**Measured:** 4.93

**Predicted:** 2.25

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1,2-Dimethyl-4-ethylbenzene

**Measured:** 40.7

**Predicted:** 4.08

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4-Ethyltoluene

**Measured:** 24.3

**Predicted:** 3.95

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1,3-Dimethyl-5-ethylbenzene

**Measured:** 4.93

**Predicted:** 3.64

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9-Ethyl-9H-fluorene

**Measured:** 2330

**Predicted:** N/A