1. **Multiple Linear Regressions:**

Default Score: 0.9358680970046241

Post data preprocessing score: <mark>0.9358680970046518</mark>

2. **Support Vector Machine: <Regression>**

Kernel	C<Penalty score>	R2_score	
		No Data preprocessing	Data preprocessing - StandardScaler
linear	0	0.8950779234313312	-0.05569157045504447
<mark>linear</mark>	<mark>0.4</mark>	<mark>0.9439403318727383</mark>	-0.056768120125677335
poly	0	-0.050890117824376135	-0.05710387514922144
poly	7	0.0003139656520918521	-0.05481174839831082
rbf	0<No Change>	-0.05731730927224388	-0.057418393916219834
sigmoid	0<No Change>	-0.0574991971677592	-0.057209358534722865

3. **Decision Tree: <Regression>**

Default Score: 0.9535299731993166

	criterion	splitter	max_features	r2_score
1	Squared_error	best	15	0.9360397811774501
2	Squared_error	random	15	0.6429941108253381
3	friedman_mse	best	5	0.9164700351873948
4	friedman_mse	random	5	0.9592165460495146
5	friedman_mse	random	sqrt	0.06796707842605798
6	friedman_mse	random	Log2	0.553793927954391
7	<mark>Absolute_error</mark>	<mark>best</mark>	<mark>5</mark>	<mark>0.963205660164946</mark>
8	Absolute_error	best	sqrt	0.42739438947329267
9	Absolute_error	best	Log2	0.8041423563735397
10	Absolute_error	random	5	0.942555942191377
11	Absolute_error	random	sqrt	0.9047457636072191
12	Absolute_error	random	Log2	0.36982361058218793
13	poisson	best	5	0.92052488189648
14	poisson	best	Sqrt	0.8300635801997542
15	Poisson	best	Log2	0.5738599008630552
16	poisson	random	10	0.8657390646231864
17	Poisson	random	Sqrt	0.35749809827437573
18	poisson	random	Log2	0.22297663472317908