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| **Model** | **MSE Training** | **MSE Validation** | **R^2 Validation** |
| Linear Regression | 86.7969396672596 | 74.18163019603759 | -0.037139312489653964 |
| Kernel Regression | 86.7381943752874 | 74.07327667908645 | -0.03562441329183952 |
| Random Forest Regression | 92.5590623633991 | 81.09030429427526 | -0.1337300383273834 |
| Ada Boost Regression | 86.3894520533788 | 72.24252904697919 | -0.010028584034811328 |
| Gradient Boosting Regression | 86.8404697087932 | 73.32030398035764 | -0.025097041690281152 |
| Neural Network  2 Dense Hidden Layers – (256,256), Dropout – 0.5 | 84.7932 | 70.852137643393 | 0.0094105895260298 |
| Neural Network  3 Dense Hidden Layers – (256,512,256), Dropout – 0.5 | 85.0564 | 71.79471175121226 | -0.003767614559952337 |
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