|  |  |  |  |
| --- | --- | --- | --- |
| **Model** | **Hyperparameter** | **Time Taken for hyperparameter tuning** | **rmse** |
| **Linear Regression** |  |  | 14.1508 |
| **Ridge Regression** | Grid Search |  | 14.4393 |
| **Random Forest** | Grid Search | 5:46:57 | 12.9206 |
|  | Randomized Search | 0:16:32 | 12.9266 |
| **XG Boost** | Grid Search | 9:35:54 | **12.8845** |
|  | Randomized Search | 0:9:36 | 13.1636 |