**KNN Regression for Diabetes Data**

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| **K** | **vaidationl\_error** |
| **1** | **1126.0506329113923** |
| **3** | **1509.5147679324893** |
| **5** | **2043.1691139240504** |
| **10** | **2408.1724050632906** |
| **15** | **2343.7939803094237** |

By choosing this (k=1) value , our model got error on TEST SET approximately 1460.34