**Railway Booking List (KNN)**

In our data,

For gender, we use male as 1 and female 0

For preference, we use No preference as 0, First AC as 1, Second AC as 2 and Third AC as 3

Test cases = 327

Training cases = 983

Total cases = 1310

**Euclidean Distance**

For taking all of the given six things as parameters:

|  |  |  |
| --- | --- | --- |
| **KNN** | **Error** | **Percentage Error** |
| 1 | 202 | 61.77370031 |
| 4 | 202 | 61.77370031 |
| 7 | 202 | 61.77370031 |
| 10 | 202 | 61.77370031 |
| 13 | 202 | 61.77370031 |
| 16 | 202 | 61.77370031 |
| 19 | 202 | 61.77370031 |
| 22 | 202 | 61.77370031 |
| 25 | 202 | 61.77370031 |
| 28 | 202 | 61.77370031 |
| 31 | 202 | 61.77370031 |
| 34 | 202 | 61.77370031 |
| 37 | 202 | 61.77370031 |
| 40 | 202 | 61.77370031 |
| 43 | 202 | 61.77370031 |
| 46 | 202 | 61.77370031 |
| 49 | 202 | 61.77370031 |
| 52 | 202 | 61.77370031 |
| 55 | 202 | 61.77370031 |
| 58 | 202 | 61.77370031 |
| 61 | 202 | 61.77370031 |
| 64 | 202 | 61.77370031 |
| 67 | 202 | 61.77370031 |
| 70 | 202 | 61.77370031 |
| 73 | 202 | 61.77370031 |
| 76 | 202 | 61.77370031 |
| 79 | 202 | 61.77370031 |
| 82 | 202 | 61.77370031 |
| 85 | 202 | 61.77370031 |
| 88 | 202 | 61.77370031 |
| 91 | 202 | 61.77370031 |
| 94 | 202 | 61.77370031 |
| 97 | 202 | 61.77370031 |
| 100 | 202 | 61.77370031 |
| 103 | 202 | 61.77370031 |
| 106 | 202 | 61.77370031 |
| 109 | 202 | 61.77370031 |
| 112 | 202 | 61.77370031 |
| 115 | 202 | 61.77370031 |
| 118 | 202 | 61.77370031 |
| 121 | 202 | 61.77370031 |
| 124 | 202 | 61.77370031 |
| 127 | 202 | 61.77370031 |
| 130 | 202 | 61.77370031 |
| 133 | 202 | 61.77370031 |
| 136 | 202 | 61.77370031 |
| 139 | 202 | 61.77370031 |
| 142 | 202 | 61.77370031 |
| 145 | 202 | 61.77370031 |
| 148 | 202 | 61.77370031 |

Without considering case ID among all of the parameters:

|  |  |  |
| --- | --- | --- |
| **KNN** | **Error** | **Percentage Error** |
| 1 | 162 | 49.5412844 |
| 4 | 152 | 46.48318043 |
| 7 | 127 | 38.83792049 |
| 10 | 126 | 38.53211009 |
| 13 | 132 | 40.36697248 |
| 16 | 100 | 30.58103976 |
| 19 | 102 | 31.19266055 |
| 22 | 101 | 30.88685015 |
| 25 | 103 | 31.49847095 |
| 28 | 110 | 33.63914373 |
| 31 | 104 | 31.80428135 |
| 34 | 107 | 32.72171254 |
| 37 | 100 | 30.58103976 |
| 40 | 111 | 33.94495413 |
| 43 | 109 | 33.33333333 |
| 46 | 106 | 32.41590214 |
| 49 | 106 | 32.41590214 |
| 52 | 110 | 33.63914373 |
| 55 | 116 | 35.47400612 |
| 58 | 111 | 33.94495413 |
| 61 | 101 | 30.88685015 |
| 64 | 102 | 31.19266055 |
| 67 | 105 | 32.11009174 |
| 70 | 104 | 31.80428135 |
| 73 | 95 | 29.05198777 |
| 76 | 102 | 31.19266055 |
| 79 | 102 | 31.19266055 |
| 82 | 99 | 30.27522936 |
| 85 | 98 | 29.96941896 |
| 88 | 99 | 30.27522936 |
| 91 | 98 | 29.96941896 |
| 94 | 103 | 31.49847095 |
| 97 | 94 | 28.74617737 |
| 100 | 96 | 29.35779817 |
| 103 | 98 | 29.96941896 |
| 106 | 99 | 30.27522936 |
| 109 | 100 | 30.58103976 |
| 112 | 102 | 31.19266055 |
| 115 | 104 | 31.80428135 |
| 118 | 103 | 31.49847095 |
| 121 | 105 | 32.11009174 |
| 124 | 106 | 32.41590214 |
| 127 | 101 | 30.88685015 |
| 130 | 103 | 31.49847095 |
| 133 | 103 | 31.49847095 |
| 136 | 102 | 31.19266055 |
| 139 | 106 | 32.41590214 |
| 142 | 110 | 33.63914373 |
| 145 | 113 | 34.55657492 |
| 148 | 109 | 33.33333333 |

Without considering Fare among all of the parameters:

|  |  |  |
| --- | --- | --- |
| **KNN** | **Error** | **Percentage Error** |
| 1 | 202 | 61.77370031 |
| 4 | 202 | 61.77370031 |
| 7 | 202 | 61.77370031 |
| 10 | 202 | 61.77370031 |
| 13 | 202 | 61.77370031 |
| 16 | 202 | 61.77370031 |
| 19 | 202 | 61.77370031 |
| 22 | 202 | 61.77370031 |
| 25 | 202 | 61.77370031 |
| 28 | 202 | 61.77370031 |
| 31 | 202 | 61.77370031 |
| 34 | 202 | 61.77370031 |
| 37 | 202 | 61.77370031 |
| 40 | 202 | 61.77370031 |
| 43 | 202 | 61.77370031 |
| 46 | 202 | 61.77370031 |
| 49 | 202 | 61.77370031 |
| 52 | 202 | 61.77370031 |
| 55 | 202 | 61.77370031 |
| 58 | 202 | 61.77370031 |
| 61 | 202 | 61.77370031 |
| 64 | 202 | 61.77370031 |
| 67 | 202 | 61.77370031 |
| 70 | 202 | 61.77370031 |
| 73 | 202 | 61.77370031 |
| 76 | 202 | 61.77370031 |
| 79 | 202 | 61.77370031 |
| 82 | 202 | 61.77370031 |
| 85 | 202 | 61.77370031 |
| 88 | 202 | 61.77370031 |
| 91 | 202 | 61.77370031 |
| 94 | 202 | 61.77370031 |
| 97 | 202 | 61.77370031 |
| 100 | 202 | 61.77370031 |
| 103 | 202 | 61.77370031 |
| 106 | 202 | 61.77370031 |
| 109 | 202 | 61.77370031 |
| 112 | 202 | 61.77370031 |
| 115 | 202 | 61.77370031 |
| 118 | 202 | 61.77370031 |
| 121 | 202 | 61.77370031 |
| 124 | 202 | 61.77370031 |
| 127 | 202 | 61.77370031 |
| 130 | 202 | 61.77370031 |
| 133 | 202 | 61.77370031 |
| 136 | 202 | 61.77370031 |
| 139 | 202 | 61.77370031 |
| 142 | 202 | 61.77370031 |
| 145 | 202 | 61.77370031 |
| 148 | 202 | 61.77370031 |

Without considering Fare and Case ID among all of the parameters:

|  |  |  |
| --- | --- | --- |
| **KNN** | **Error** | **Percentage Error** |
| 1 | 174 | 53.21100917 |
| 4 | 153 | 46.78899083 |
| 7 | 121 | 37.0030581 |
| 10 | 129 | 39.44954128 |
| 13 | 126 | 38.53211009 |
| 16 | 130 | 39.75535168 |
| 19 | 90 | 27.52293578 |
| 22 | 92 | 28.13455657 |
| 25 | 88 | 26.91131498 |
| 28 | 86 | 26.29969419 |
| 31 | 95 | 29.05198777 |
| 34 | 97 | 29.66360856 |
| 37 | 99 | 30.27522936 |
| 40 | 95 | 29.05198777 |
| 43 | 98 | 29.96941896 |
| 46 | 103 | 31.49847095 |
| 49 | 104 | 31.80428135 |
| 52 | 104 | 31.80428135 |
| 55 | 103 | 31.49847095 |
| 58 | 101 | 30.88685015 |
| 61 | 106 | 32.41590214 |
| 64 | 104 | 31.80428135 |
| 67 | 103 | 31.49847095 |
| 70 | 116 | 35.47400612 |
| 73 | 93 | 28.44036697 |
| 76 | 80 | 24.4648318 |
| 79 | 83 | 25.382263 |
| 82 | 78 | 23.85321101 |
| 85 | 77 | 23.54740061 |
| 88 | 75 | 22.93577982 |
| 91 | 70 | 21.40672783 |
| 94 | 78 | 23.85321101 |
| 97 | 85 | 25.99388379 |
| 100 | 95 | 29.05198777 |
| 103 | 99 | 30.27522936 |
| 106 | 97 | 29.66360856 |
| 109 | 97 | 29.66360856 |
| 112 | 100 | 30.58103976 |
| 115 | 101 | 30.88685015 |
| 118 | 101 | 30.88685015 |
| 121 | 92 | 28.13455657 |
| 124 | 92 | 28.13455657 |
| 127 | 90 | 27.52293578 |
| 130 | 91 | 27.82874618 |
| 133 | 94 | 28.74617737 |
| 136 | 90 | 27.52293578 |
| 139 | 97 | 29.66360856 |
| 142 | 99 | 30.27522936 |
| 145 | 98 | 29.96941896 |
| 148 | 99 | 30.27522936 |

**Manhattan Distance**

For taking all of the given six things as parameters:

|  |  |  |
| --- | --- | --- |
| **KNN** | **Error** | **Percentage Error** |
| 1 | 164 | 50.1529052 |
| 4 | 159 | 48.62385321 |
| 7 | 141 | 43.11926606 |
| 10 | 135 | 41.28440367 |
| 13 | 138 | 42.20183486 |
| 16 | 142 | 43.42507645 |
| 19 | 141 | 43.11926606 |
| 22 | 133 | 40.67278287 |
| 25 | 139 | 42.50764526 |
| 28 | 131 | 40.06116208 |
| 31 | 130 | 39.75535168 |
| 34 | 127 | 38.83792049 |
| 37 | 126 | 38.53211009 |
| 40 | 132 | 40.36697248 |
| 43 | 133 | 40.67278287 |
| 46 | 130 | 39.75535168 |
| 49 | 128 | 39.14373089 |
| 52 | 123 | 37.6146789 |
| 55 | 125 | 38.22629969 |
| 58 | 122 | 37.3088685 |
| 61 | 126 | 38.53211009 |
| 64 | 126 | 38.53211009 |
| 67 | 124 | 37.9204893 |
| 70 | 124 | 37.9204893 |
| 73 | 125 | 38.22629969 |
| 76 | 123 | 37.6146789 |
| 79 | 126 | 38.53211009 |
| 82 | 126 | 38.53211009 |
| 85 | 125 | 38.22629969 |
| 88 | 125 | 38.22629969 |
| 91 | 124 | 37.9204893 |
| 94 | 125 | 38.22629969 |
| 97 | 125 | 38.22629969 |
| 100 | 125 | 38.22629969 |
| 103 | 125 | 38.22629969 |
| 106 | 125 | 38.22629969 |
| 109 | 125 | 38.22629969 |
| 112 | 125 | 38.22629969 |
| 115 | 125 | 38.22629969 |
| 118 | 125 | 38.22629969 |
| 121 | 125 | 38.22629969 |
| 124 | 125 | 38.22629969 |
| 127 | 125 | 38.22629969 |
| 130 | 125 | 38.22629969 |
| 133 | 125 | 38.22629969 |
| 136 | 125 | 38.22629969 |
| 139 | 125 | 38.22629969 |
| 142 | 125 | 38.22629969 |
| 145 | 125 | 38.22629969 |
| 148 | 125 | 38.22629969 |

Without considering case ID among all of the parameters:

|  |  |  |
| --- | --- | --- |
| **KNN** | **Error** | **Percentage Error** |
| 1 | 162 | 49.5412844 |
| 4 | 159 | 48.62385321 |
| 7 | 146 | 44.64831804 |
| 10 | 147 | 44.95412844 |
| 13 | 110 | 33.63914373 |
| 16 | 112 | 34.25076453 |
| 19 | 112 | 34.25076453 |
| 22 | 112 | 34.25076453 |
| 25 | 116 | 35.47400612 |
| 28 | 117 | 35.77981651 |
| 31 | 123 | 37.6146789 |
| 34 | 106 | 32.41590214 |
| 37 | 106 | 32.41590214 |
| 40 | 109 | 33.33333333 |
| 43 | 111 | 33.94495413 |
| 46 | 111 | 33.94495413 |
| 49 | 109 | 33.33333333 |
| 52 | 105 | 32.11009174 |
| 55 | 108 | 33.02752294 |
| 58 | 109 | 33.33333333 |
| 61 | 111 | 33.94495413 |
| 64 | 110 | 33.63914373 |
| 67 | 109 | 33.33333333 |
| 70 | 110 | 33.63914373 |
| 73 | 110 | 33.63914373 |
| 76 | 112 | 34.25076453 |
| 79 | 113 | 34.55657492 |
| 82 | 110 | 33.63914373 |
| 85 | 112 | 34.25076453 |
| 88 | 111 | 33.94495413 |
| 91 | 109 | 33.33333333 |
| 94 | 113 | 34.55657492 |
| 97 | 111 | 33.94495413 |
| 100 | 108 | 33.02752294 |
| 103 | 109 | 33.33333333 |
| 106 | 115 | 35.16819572 |
| 109 | 116 | 35.47400612 |
| 112 | 113 | 34.55657492 |
| 115 | 113 | 34.55657492 |
| 118 | 114 | 34.86238532 |
| 121 | 109 | 33.33333333 |
| 124 | 105 | 32.11009174 |
| 127 | 106 | 32.41590214 |
| 130 | 108 | 33.02752294 |
| 133 | 107 | 32.72171254 |
| 136 | 117 | 35.77981651 |
| 139 | 120 | 36.69724771 |
| 142 | 116 | 35.47400612 |
| 145 | 115 | 35.16819572 |
| 148 | 116 | 35.47400612 |

Without considering Fare among all of the parameters:

|  |  |  |
| --- | --- | --- |
| **KNN** | **Error** | **Percentage Error** |
| 1 | 164 | 50.1529052 |
| 4 | 159 | 48.62385321 |
| 7 | 141 | 43.11926606 |
| 10 | 135 | 41.28440367 |
| 13 | 138 | 42.20183486 |
| 16 | 142 | 43.42507645 |
| 19 | 141 | 43.11926606 |
| 22 | 133 | 40.67278287 |
| 25 | 139 | 42.50764526 |
| 28 | 131 | 40.06116208 |
| 31 | 130 | 39.75535168 |
| 34 | 127 | 38.83792049 |
| 37 | 126 | 38.53211009 |
| 40 | 132 | 40.36697248 |
| 43 | 133 | 40.67278287 |
| 46 | 130 | 39.75535168 |
| 49 | 128 | 39.14373089 |
| 52 | 123 | 37.6146789 |
| 55 | 125 | 38.22629969 |
| 58 | 122 | 37.3088685 |
| 61 | 126 | 38.53211009 |
| 64 | 126 | 38.53211009 |
| 67 | 124 | 37.9204893 |
| 70 | 124 | 37.9204893 |
| 73 | 125 | 38.22629969 |
| 76 | 123 | 37.6146789 |
| 79 | 126 | 38.53211009 |
| 82 | 126 | 38.53211009 |
| 85 | 125 | 38.22629969 |
| 88 | 125 | 38.22629969 |
| 91 | 124 | 37.9204893 |
| 94 | 125 | 38.22629969 |
| 97 | 125 | 38.22629969 |
| 100 | 125 | 38.22629969 |
| 103 | 125 | 38.22629969 |
| 106 | 125 | 38.22629969 |
| 109 | 125 | 38.22629969 |
| 112 | 125 | 38.22629969 |
| 115 | 125 | 38.22629969 |
| 118 | 125 | 38.22629969 |
| 121 | 125 | 38.22629969 |
| 124 | 125 | 38.22629969 |
| 127 | 125 | 38.22629969 |
| 130 | 125 | 38.22629969 |
| 133 | 125 | 38.22629969 |
| 136 | 125 | 38.22629969 |
| 139 | 125 | 38.22629969 |
| 142 | 125 | 38.22629969 |
| 145 | 125 | 38.22629969 |
| 148 | 125 | 38.22629969 |

Without considering Fare and Case ID among all of the parameters:

|  |  |  |
| --- | --- | --- |
| **KNN** | **Error** | **Percentage Error** |
| 1 | 168 | 51.37614679 |
| 4 | 163 | 49.8470948 |
| 7 | 140 | 42.81345566 |
| 10 | 137 | 41.89602446 |
| 13 | 103 | 31.49847095 |
| 16 | 108 | 33.02752294 |
| 19 | 105 | 32.11009174 |
| 22 | 105 | 32.11009174 |
| 25 | 104 | 31.80428135 |
| 28 | 104 | 31.80428135 |
| 31 | 108 | 33.02752294 |
| 34 | 107 | 32.72171254 |
| 37 | 102 | 31.19266055 |
| 40 | 94 | 28.74617737 |
| 43 | 97 | 29.66360856 |
| 46 | 96 | 29.35779817 |
| 49 | 104 | 31.80428135 |
| 52 | 108 | 33.02752294 |
| 55 | 110 | 33.63914373 |
| 58 | 112 | 34.25076453 |
| 61 | 105 | 32.11009174 |
| 64 | 105 | 32.11009174 |
| 67 | 99 | 30.27522936 |
| 70 | 100 | 30.58103976 |
| 73 | 89 | 27.21712538 |
| 76 | 89 | 27.21712538 |
| 79 | 88 | 26.91131498 |
| 82 | 86 | 26.29969419 |
| 85 | 91 | 27.82874618 |
| 88 | 90 | 27.52293578 |
| 91 | 91 | 27.82874618 |
| 94 | 89 | 27.21712538 |
| 97 | 88 | 26.91131498 |
| 100 | 87 | 26.60550459 |
| 103 | 93 | 28.44036697 |
| 106 | 93 | 28.44036697 |
| 109 | 91 | 27.82874618 |
| 112 | 93 | 28.44036697 |
| 115 | 96 | 29.35779817 |
| 118 | 96 | 29.35779817 |
| 121 | 95 | 29.05198777 |
| 124 | 96 | 29.35779817 |
| 127 | 96 | 29.35779817 |
| 130 | 96 | 29.35779817 |
| 133 | 94 | 28.74617737 |
| 136 | 94 | 28.74617737 |
| 139 | 94 | 28.74617737 |
| 142 | 91 | 27.82874618 |
| 145 | 89 | 27.21712538 |
| 148 | 89 | 27.21712538 |

**Hamming Distance**

For taking all of the given six things as parameters:

|  |  |  |
| --- | --- | --- |
| **KNN** | **Error** | **Percentage Error** |
| 1 | 202 | 61.77370031 |
| 4 | 202 | 61.77370031 |
| 7 | 202 | 61.77370031 |
| 10 | 202 | 61.77370031 |
| 13 | 202 | 61.77370031 |
| 16 | 203 | 62.0795107 |
| 19 | 203 | 62.0795107 |
| 22 | 203 | 62.0795107 |
| 25 | 203 | 62.0795107 |
| 28 | 203 | 62.0795107 |
| 31 | 203 | 62.0795107 |
| 34 | 203 | 62.0795107 |
| 37 | 207 | 63.30275229 |
| 40 | 207 | 63.30275229 |
| 43 | 206 | 62.9969419 |
| 46 | 206 | 62.9969419 |
| 49 | 205 | 62.6911315 |
| 52 | 214 | 65.44342508 |
| 55 | 216 | 66.05504587 |
| 58 | 215 | 65.74923547 |
| 61 | 215 | 65.74923547 |
| 64 | 214 | 65.44342508 |
| 67 | 209 | 63.91437309 |
| 70 | 209 | 63.91437309 |
| 73 | 211 | 64.52599388 |
| 76 | 212 | 64.83180428 |
| 79 | 211 | 64.52599388 |
| 82 | 215 | 65.74923547 |
| 85 | 214 | 65.44342508 |
| 88 | 216 | 66.05504587 |
| 91 | 217 | 66.36085627 |
| 94 | 218 | 66.66666667 |
| 97 | 221 | 67.58409786 |
| 100 | 223 | 68.19571865 |
| 103 | 227 | 69.41896024 |
| 106 | 228 | 69.72477064 |
| 109 | 229 | 70.03058104 |
| 112 | 229 | 70.03058104 |
| 115 | 234 | 71.55963303 |
| 118 | 235 | 71.86544343 |
| 121 | 240 | 73.39449541 |
| 124 | 240 | 73.39449541 |
| 127 | 237 | 72.47706422 |
| 130 | 237 | 72.47706422 |
| 133 | 236 | 72.17125382 |
| 136 | 236 | 72.17125382 |
| 139 | 234 | 71.55963303 |
| 142 | 234 | 71.55963303 |
| 145 | 234 | 71.55963303 |
| 148 | 230 | 70.33639144 |

Without considering case ID among all of the parameters:

|  |  |  |
| --- | --- | --- |
| **KNN** | **Error** | **Percentage Error** |
| 1 | 202 | 61.77370031 |
| 4 | 202 | 61.77370031 |
| 7 | 202 | 61.77370031 |
| 10 | 202 | 61.77370031 |
| 13 | 202 | 61.77370031 |
| 16 | 203 | 62.0795107 |
| 19 | 203 | 62.0795107 |
| 22 | 203 | 62.0795107 |
| 25 | 203 | 62.0795107 |
| 28 | 203 | 62.0795107 |
| 31 | 203 | 62.0795107 |
| 34 | 203 | 62.0795107 |
| 37 | 207 | 63.30275229 |
| 40 | 207 | 63.30275229 |
| 43 | 206 | 62.9969419 |
| 46 | 206 | 62.9969419 |
| 49 | 205 | 62.6911315 |
| 52 | 214 | 65.44342508 |
| 55 | 216 | 66.05504587 |
| 58 | 215 | 65.74923547 |
| 61 | 215 | 65.74923547 |
| 64 | 214 | 65.44342508 |
| 67 | 209 | 63.91437309 |
| 70 | 209 | 63.91437309 |
| 73 | 211 | 64.52599388 |
| 76 | 212 | 64.83180428 |
| 79 | 211 | 64.52599388 |
| 82 | 215 | 65.74923547 |
| 85 | 214 | 65.44342508 |
| 88 | 216 | 66.05504587 |
| 91 | 217 | 66.36085627 |
| 94 | 218 | 66.66666667 |
| 97 | 221 | 67.58409786 |
| 100 | 223 | 68.19571865 |
| 103 | 227 | 69.41896024 |
| 106 | 228 | 69.72477064 |
| 109 | 229 | 70.03058104 |
| 112 | 229 | 70.03058104 |
| 115 | 234 | 71.55963303 |
| 118 | 235 | 71.86544343 |
| 121 | 240 | 73.39449541 |
| 124 | 240 | 73.39449541 |
| 127 | 237 | 72.47706422 |
| 130 | 237 | 72.47706422 |
| 133 | 236 | 72.17125382 |
| 136 | 236 | 72.17125382 |
| 139 | 234 | 71.55963303 |
| 142 | 234 | 71.55963303 |
| 145 | 234 | 71.55963303 |
| 148 | 230 | 70.33639144 |

Without considering Fare among all of the parameters:

|  |  |  |
| --- | --- | --- |
| **KNN** | **Error** | **Percentage Error** |
| 1 | 202 | 61.77370031 |
| 4 | 202 | 61.77370031 |
| 7 | 202 | 61.77370031 |
| 10 | 202 | 61.77370031 |
| 13 | 202 | 61.77370031 |
| 16 | 203 | 62.0795107 |
| 19 | 203 | 62.0795107 |
| 22 | 203 | 62.0795107 |
| 25 | 203 | 62.0795107 |
| 28 | 203 | 62.0795107 |
| 31 | 203 | 62.0795107 |
| 34 | 203 | 62.0795107 |
| 37 | 207 | 63.30275229 |
| 40 | 207 | 63.30275229 |
| 43 | 206 | 62.9969419 |
| 46 | 206 | 62.9969419 |
| 49 | 204 | 62.3853211 |
| 52 | 206 | 62.9969419 |
| 55 | 208 | 63.60856269 |
| 58 | 208 | 63.60856269 |
| 61 | 209 | 63.91437309 |
| 64 | 209 | 63.91437309 |
| 67 | 213 | 65.13761468 |
| 70 | 218 | 66.66666667 |
| 73 | 217 | 66.36085627 |
| 76 | 217 | 66.36085627 |
| 79 | 213 | 65.13761468 |
| 82 | 212 | 64.83180428 |
| 85 | 212 | 64.83180428 |
| 88 | 214 | 65.44342508 |
| 91 | 212 | 64.83180428 |
| 94 | 214 | 65.44342508 |
| 97 | 215 | 65.74923547 |
| 100 | 217 | 66.36085627 |
| 103 | 223 | 68.19571865 |
| 106 | 224 | 68.50152905 |
| 109 | 223 | 68.19571865 |
| 112 | 223 | 68.19571865 |
| 115 | 227 | 69.41896024 |
| 118 | 227 | 69.41896024 |
| 121 | 234 | 71.55963303 |
| 124 | 233 | 71.25382263 |
| 127 | 231 | 70.64220183 |
| 130 | 231 | 70.64220183 |
| 133 | 232 | 70.94801223 |
| 136 | 232 | 70.94801223 |
| 139 | 232 | 70.94801223 |
| 142 | 234 | 71.55963303 |
| 145 | 234 | 71.55963303 |
| 148 | 234 | 71.55963303 |

Without considering Fare and Case ID among all of the parameters:

|  |  |  |
| --- | --- | --- |
| **KNN** | **Error** | **Percentage Error** |
| 1 | 202 | 61.77370031 |
| 4 | 202 | 61.77370031 |
| 7 | 202 | 61.77370031 |
| 10 | 202 | 61.77370031 |
| 13 | 202 | 61.77370031 |
| 16 | 203 | 62.0795107 |
| 19 | 203 | 62.0795107 |
| 22 | 203 | 62.0795107 |
| 25 | 203 | 62.0795107 |
| 28 | 203 | 62.0795107 |
| 31 | 203 | 62.0795107 |
| 34 | 203 | 62.0795107 |
| 37 | 207 | 63.30275229 |
| 40 | 207 | 63.30275229 |
| 43 | 206 | 62.9969419 |
| 46 | 206 | 62.9969419 |
| 49 | 204 | 62.3853211 |
| 52 | 206 | 62.9969419 |
| 55 | 208 | 63.60856269 |
| 58 | 208 | 63.60856269 |
| 61 | 209 | 63.91437309 |
| 64 | 209 | 63.91437309 |
| 67 | 213 | 65.13761468 |
| 70 | 218 | 66.66666667 |
| 73 | 217 | 66.36085627 |
| 76 | 217 | 66.36085627 |
| 79 | 213 | 65.13761468 |
| 82 | 212 | 64.83180428 |
| 85 | 212 | 64.83180428 |
| 88 | 214 | 65.44342508 |
| 91 | 212 | 64.83180428 |
| 94 | 214 | 65.44342508 |
| 97 | 215 | 65.74923547 |
| 100 | 217 | 66.36085627 |
| 103 | 223 | 68.19571865 |
| 106 | 224 | 68.50152905 |
| 109 | 223 | 68.19571865 |
| 112 | 223 | 68.19571865 |
| 115 | 227 | 69.41896024 |
| 118 | 227 | 69.41896024 |
| 121 | 234 | 71.55963303 |
| 124 | 233 | 71.25382263 |
| 127 | 231 | 70.64220183 |
| 130 | 231 | 70.64220183 |
| 133 | 232 | 70.94801223 |
| 136 | 232 | 70.94801223 |
| 139 | 232 | 70.94801223 |
| 142 | 234 | 71.55963303 |
| 145 | 234 | 71.55963303 |
| 148 | 234 | 71.55963303 |