|  |  |  |
| --- | --- | --- |
| Input Data | Original Intensity  (in Knots) | Estimated Intensity  (in Knots) |
| 1 | 35 | 36 |
| 2 | 73 | 78 |
| 3 | 86 | 81 |
| 4 | 77 | 98 |
| 5 | 85 | 94 |

Accuracy percentage = (1- (|actual-predicted| / actual )) \*100

Accuracy for (1): (1-(|35-36|/35))\*100 = 97.14%

Accuracy for (2): (1-(|73-78|/73))\*100 = 93.15%

Accuracy for (3): (1-(|86-81|/81))\*100 = 94.18%

Accuracy for (4): (1-(|77-85|/77))\*100 = 72.74%

Accuracy for (5): (1-(|89-94|/89))\*100 = 89.44%

Average Accuracy = (97.14+93.15+94.18+72.74+89.55)/5= **89.33%**