

| ID | Height | Age | Weight |   |
|----|--------|-----|--------|---|
| 1  | 5      | 45  | 77     | - t                                     |
| 2  | 5.11   | 26  | 47     | l bed                                   |
| 3  | 5.6    | 30  | 55     | 1 1 6 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 |
| 4  | 5.9    | 34  | 59     | ¥ , 2                                   |
| 5  | 4.8    | 40  | 72 -   | 5 7 9                                   |
| 6  | 5.8    | 36  | 60 -   |   |
| 7  | 5.3    | 19  | 40     |   |
| 8  | 5.8    | 28  | 60     | 4                                       |
| 9  | 5.5    | 23  | 45     |   |
| 10 | 5.6    | 32  | 58     |   |
| 11 | 5.5    | 38  | ?      | 20                                      |

For classification:

we check the closest neighbours and the majority class is assigned to the new point

For regression:

the closest points and there given value of output variable is averaged and is assigned as the prediction for new point 209 × 69 kg

20 30 40 Age in years