|  |  |  |
| --- | --- | --- |
| Id | X | Y |
| 1 | 1 | 2 |
| 2 | 2 | 3 |
| 3 | 3 | 4 |
| 4 | 4 | 5 |
| 5 | 5 | 6 |
| 6 | 6 | 7 |
| 7 | 7 | 8 |
| 8 | 8 | 9 |
| 9 | 9 | 10 |
| 10 | 10 | 11 |
| 11 | 11 | 12 |
| 12 | 12 | 13 |

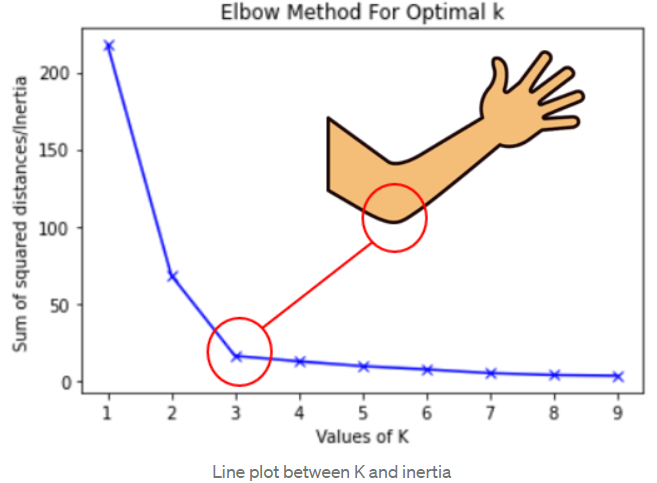
|  |  |
| --- | --- |
| K | wcss |
| 1 | W1=5000 |
| 2 | W2= 2000 |
| 3 | W3=1000 |
| 4 | W4=700 |
| 5 | W5=600 |
| 6 | W6=550 |
| 7 | W7=520 |

W1>w2>w3>w4>w5>w6>w7

The deviation between w1 and w2 is so high

Compare to w2 and w3

After some clusters w6 is almost equal to w7



|  |  |  |
| --- | --- | --- |
| Id | X | Y |
| 1 | 1 | 2 |
| 2 | 2 | 3 |
| 3 | 3 | 4 |
| 4 | 4 | 5 |
| 5 | 5 | 6 |
| 6 | 6 | 7 |
| 7 | 7 | 8 |
| 8 | 8 | 9 |
| 9 | 9 | 10 |
| 10 | 10 | 11 |
| 11 | 11 | 12 |
| 12 | 12 | 13 |

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