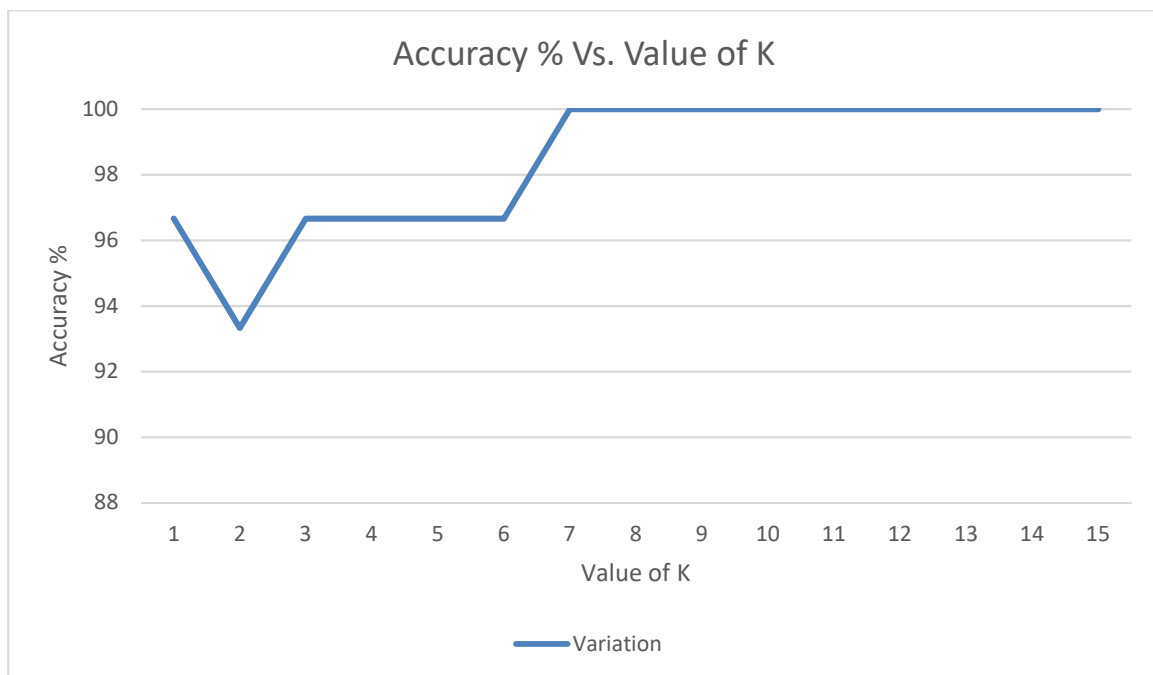


REPORT ON: Flower Classifier Using KNN on IRIS Dataset

By: Shivang Srivastava

1. Value of K Vs. Accuracy

<u>Value of K</u>	<u>Accuracy</u>
1	96.666667
2	93.333333
3	96.666667
4	96.666667
5	96.666667
6	96.666667
7	100.000000
8	100.000000
9	100.000000
10	100.000000
11	100.000000
12	100.000000
13	100.000000
14	100.000000
15	100.000000



2. Size of Training Data Vs. Accuracy on variable k

Size of Training Dataset	Value of K = 3	Value of K = 5	Value of K = 7	Value of K = 11	Value of K = 13	Value of K = 17	Value of K = 19
100	98	96	96	94	94	94	94
113	94.595	97.297	97.297	97.2973	97.2973	97.2973	94.5946
120	96.667	96.667	100	100	100	100	100
125	92	96	92	92	92	92	92
129	95.238	95.238	95.238	95.2381	95.2381	95.2381	95.2381
132	94.444	94.444	100	100	100	100	100
134	100	100	100	100	100	100	100

