**Test on the Sample Dataset (Provided by Siraj Raval Video)**

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| **Algorithm** | **Result** |
| DecisionTreeClassifier | Male |
| LogisticRegression | Female |
| LinearDiscriminantAnalysis with n\_components=2 | Female |
| QuadraticDiscriminantAnalysis | Male |
| KNeighborsClassifier with n\_neighbors=5 | Male |
| KNeighborsClassifier with n\_neighbors=1 | Male |
| GaussianNB | Male |

**Test on the Sample Dataset (Load Breast Cancer)**

|  |  |
| --- | --- |
| **Algorithm** | **Result** |
| DecisionTreeClassifier | 0.8936170212765957 |
| LogisticRegression | 0.9574468085106383 |
| LinearDiscriminantAnalysis with n\_components=2 | 0.9414893617021277 |
| QuadraticDiscriminantAnalysis | 0.9627659574468085 |
| KNeighborsClassifier with n\_neighbors=5 | 0.9521276595744681 |
| KNeighborsClassifier with n\_neighbors=1 | 0.9308510638297872 |
| GaussianNB | 0.9414893617021277 |