«interface»

- + Train(filename_train_samples_csv: string, k: int, distance: int) : void
- + Evaluate(filename_test_samples_csv: string) : float
- + Predict(sample_to_predict: Breast) : char
- + EuclideanDistance(first_sample: Breast, second_sample: Breast) : float
- + Vote(sorted labels: List<char>): char
- + ConfusionMatrix(predicted_labels: List<char>, expert_labels: List<char>, labels: char[]): void
- + ShellSort(distances: List<float>, labels: List<char>): void
- + ImportSamples(filename_samples_csv: string) : List<Breast>

KNN

- TrainedData: List<Breast>
- K: int
- + Train(filename_train_samples_csv: string, k: int, distance: int): void
- + Evaluate(filename_test_samples_csv: string) : float
- + Predict(sample_to_predict: Breast) : char
- + EuclideanDistance(first_sample: Breast, second_sample: Breast): float
- + Vote(sorted_labels: List<char>): char
- + ConfusionMatrix(predicted_labels: List<char>, expert_labels: List<char>, labels: char[]): void
- + ShellSort(distances: List<float>, labels: List<char>): void
- + ImportSamples(filename_samples_csv: string) : List<Breast>

«interface» IData

- + PrintInfo(): void
- + Features { get; set; } : float[]
- + Label { get; set; } : char

Breast

+ PrintInfo(): void