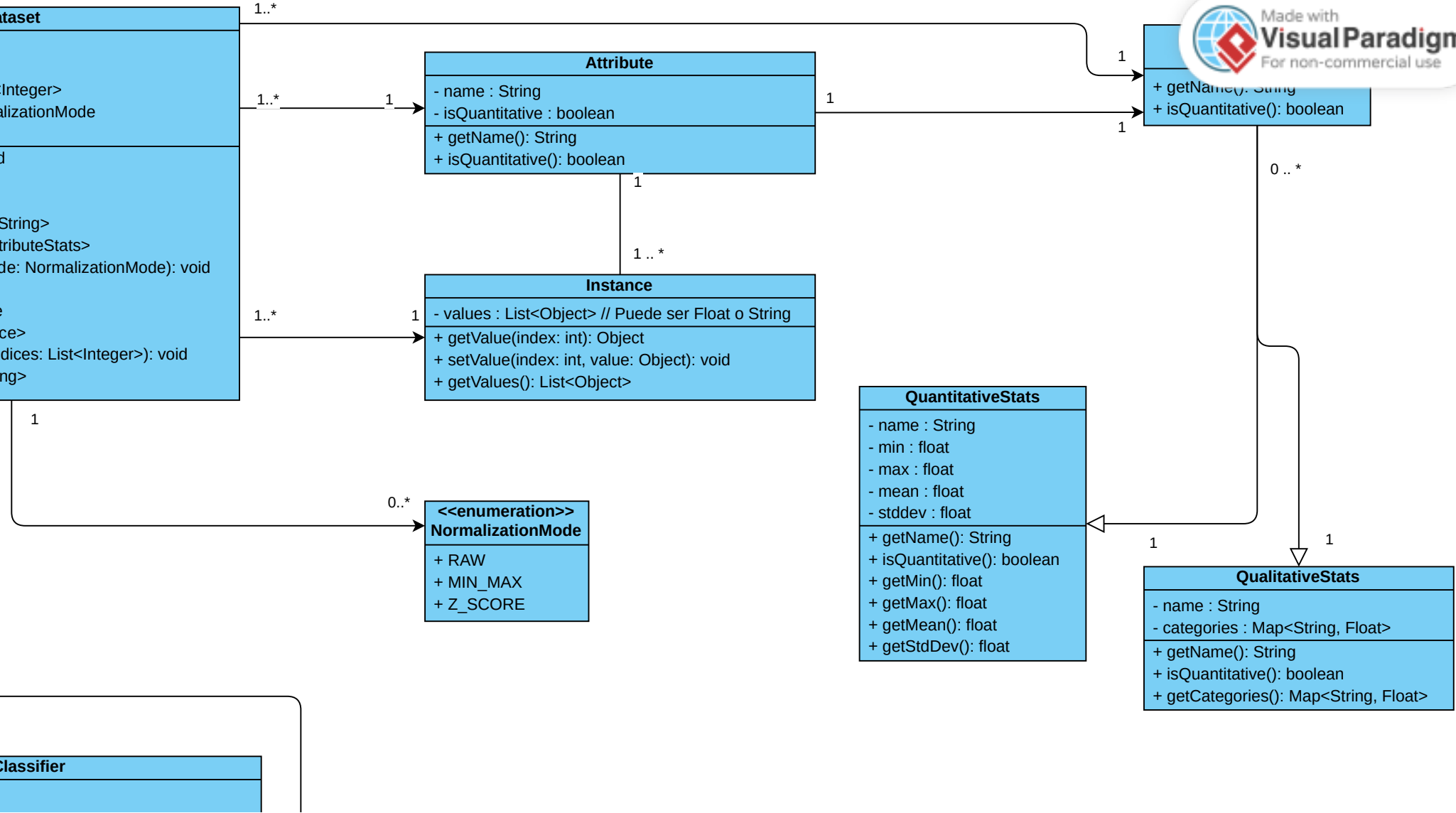
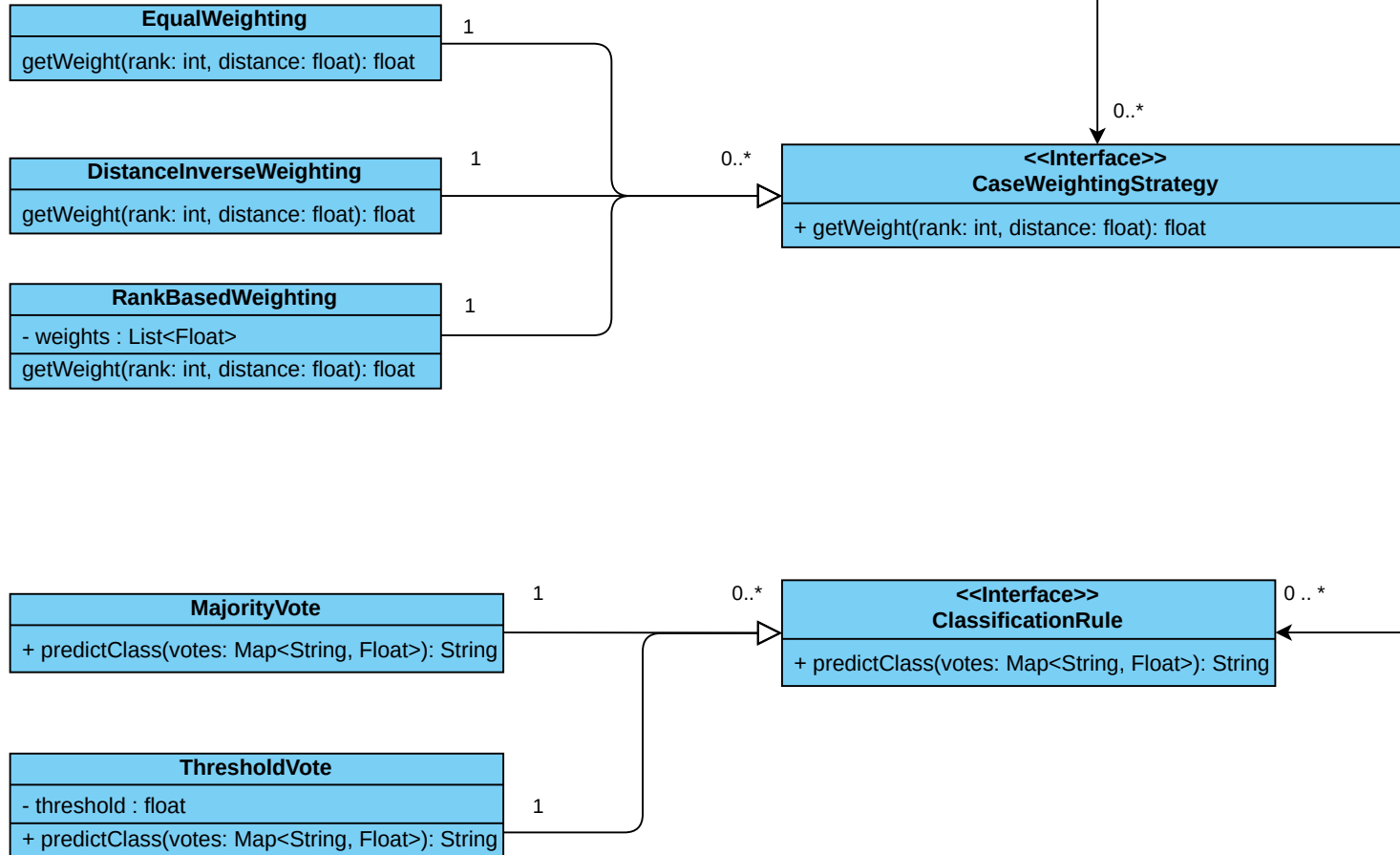


- classAttributeIndices : List<
- normalizationMode : Norma
- weights : List<Float>
+ loadCSV(path: String): void
+ getNumAttributes(): int
+ getNumInstances(): int
+ getAttributeNames(): List<
+ getAttributeStats(): List<Att
+ setNormalizationMode(mode
+ normalize(): void
+ getInstance(i: int): Instance
+ getInstances(): List<Instan
+ setClassAttributeIndices(in
+ getClassValues(): List<Stri

0..*
0..*
1
KNNC
+ k: int





- distanceMetric : DistanceMetric
+ setK(k: int): void
+ setDistanceMetric(dm: DistanceMetric): void
+ setCaseWeighting(cw: CaseWeightingStrategy): void
+ setClassificationRule(rule: ClassificationRule): void

Exp
- dataset : Dataset
- testSet : List<Instance>
- trainSet : List<Instance>
+ splitData(testRatio: float, randomSeed: int): List<Instance>
+ saveSplit(pathTrain: String, pathTest: String, pathValidation: String): void
+ loadSplit(pathTrain: String, pathTest: String, pathValidation: String): List<Instance>
+ evaluate(knn: KNNClassifier): float
+ getConfusionMatrix(knn: KNNClassifier): Map<String, Map<String, int>>

