

Configuring Distance Metric

Configuring Distance Metric for KNN

Function Signature

```
def config_distance(self, distance):
```

Parameters

- **distance:** The name of the distance metric to be configured for the KNN instance.

Return Value

This function does not return anything. It modifies the KNN instance.

Description

The `config_distance` function sets the distance metric for the KNN instance.

The valid distance metrics that can be passed to this function are:

- "hamming distance"
- "minkowski distance"
- "manhattan distance"

- "euclidean distance"

Examples

```
from deeprai.models import KNN

# Create an instance of the classifier
classifier = KNN()

# Configure the distance metric to be used
classifier.config_distance("euclidean distance")
```

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