Package 'coldrift'

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Title Lightweight Column Drift Detection for Tabular Data

Version 0.1.1

Description Provides simple and efficient methods to detect column-level data drift between reference and target datasets. Designed for monitoring tabular data pipelines and machine learning inputs using statistical distance measures.

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Encoding UTF-8

RoxygenNote 7.3.3

Imports stats

NeedsCompilation no

Author Yash Auti [aut, cre]

Maintainer Yash Auti <autiyash97@gmail.com>

Repository CRAN

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Contents

`detect_column_drift` *Detect Column-Level Data Drift*

Description

Compares reference and target datasets to identify column-level drift using statistical distance measures.

Usage

```
detect_column_drift(reference, target, alpha = 0.05)
```

Arguments

reference	A data.frame representing baseline data
target	A data.frame representing new incoming data
alpha	Significance level for drift detection

Value

A data.frame with drift statistics per column

Examples

```
ref <- data.frame(
  age = c(25, 30, 35, 40),
  city = c("A", "B", "A", "C")
)

new <- data.frame(
  age = c(26, 31, 36, 41),
  city = c("A", "B", "C", "C")
)

detect_column_drift(ref, new)
```

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