

PercentileFields

Title PercentileFields

Description

This scripting tool is designed to take selected fields and create an added field with a percentile score for each one. The selected fields will be percentile scores by extending a numpy array to the feature class.

Usage

The goal of this script is to add new fields with percentile scores for every field selected. The percentile scores are based on the values of each column, so they will change depending on the extent of the current data set.

Syntax

PercentileFields (Input_Feature_Class, Fields_to_Score, {Ignore_Null_Values})

Parameter	Explanation	Data Type
Input_Feature_Class	<p>Dialog Reference</p> <p>This is the selected input feature class that will have new fields with percentile scores will be joined to it. If the fields already exist, they will be updated by the tool.</p> <hr/> <p>Python Reference</p> <p>The feature class uses the ExtendTable function used from the DA module of arcpy to join a modified structured numpy array with column-wise calculated percentile joined to it.</p>	Feature Layer
Fields_to_Score	<p>Dialog Reference</p> <p>These are the fields that percentiles scores added to the input feature class will be based.</p> <p>There is no python reference for this parameter.</p>	Multiple Value
Ignore_Null_Values (Optional)	<p>Dialog Reference</p> <p>Skips Rows with any Null Values in Selected Fields. If you want to process multiple fields preprocess the data ahead of time to deal with them appropriately.</p> <p>There is no python reference for this parameter.</p>	Boolean

Code Samples

There are no code samples for this tool.

Tags

Percentile Score Calculation, Standardize Field, 10.4, ArcGIS

Credits

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Use limitations

This scripting tool only works in ArcGIS 10.4 and onwards because it uses the Pandas data manipulation library. It should work in ArcGIS Pro.

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