

# root

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# import\_test

---

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## IMPORTS

Generate | `std.Str` | Discretize |

## DESCRIPTIONS

### **MODULE** import\_test

import_test
-------------

This module exists to turn a dataset of numberfields into a dataset of DiscreteFields. This is not quite as trivial as it seems as there are a number of different ways to make the underlying data discrete; and even within one method there may be different parameters. Further - it is quite probable that different methods are going to be desired for each field.

**INTERNAL** True

### Children

1. [c\\_Method](#) : No Documentation Found
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## ATTRIBUTE **c\_Method**

[import\\_test](#) \

	<b>c_Method</b>
--	-----------------

No Documentation Found

**RETURN** UNSIGNED4 —

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## RECORD **r\_Method**

[import\\_test](#) \

	<b>r_Method</b>
--	-----------------

No Documentation Found

**FIELD** method ||| UNSIGNED4 — No Doc

**FIELD** rparam2 ||| REAL8 — No Doc

**FIELD** iparam1 ||| INTEGER8 — No Doc

**FIELD** rparam1 ||| REAL8 — No Doc

**FIELD** fields ||| SET ( UNSIGNED4 ) — No Doc

## FUNCTION **i\_ByRounding**

import\_test \

<b>i_ByRounding</b>
(SET OF Types.t_FieldNumber f, REAL Scale=1.0,REAL Delta=0.0)

No Documentation Found

**PARAMETER** delta ||| REAL8 — No Doc

**PARAMETER** scale ||| REAL8 — No Doc

**PARAMETER** f ||| SET ( UNSIGNED4 ) — No Doc

**RETURN** TABLE ( r\_Method ) —

---

## FUNCTION **ByRounding**

import\_test \

<b>ByRounding</b>
(DATASET(Types.NumericField) d,REAL Scale=1.0, REAL Delta=0.0)

No Documentation Found

**PARAMETER** delta ||| REAL8 — No Doc

**PARAMETER** d ||| TABLE ( NumericField ) — No Doc

**PARAMETER** scale ||| REAL8 — No Doc

**RETURN** TABLE ( { UNSIGNED2 wi , UNSIGNED8 id , UNSIGNED4 number ,  
INTEGER4 value } ) —

---

## FUNCTION **i\_ByBucketing**

`import_test \`

<b>i_ByBucketing</b>
(SET OF Types.t_FieldNumber f, Types.t_Discrete N=ML_Core.Config.Discrete)

No Documentation Found

**PARAMETER** **n** ||| INTEGER4 — No Doc

**PARAMETER** **f** ||| SET ( UNSIGNED4 ) — No Doc

**RETURN** TABLE ( r\_Method ) —

---

## FUNCTION **ByBucketing**

`import_test \`

<b>ByBucketing</b>
(DATASET(Types.NumericField) d, Types.t_Discrete N=ML_Core.Config.Discrete)

No Documentation Found

**PARAMETER** **d** ||| TABLE ( NumericField ) — No Doc

**PARAMETER** **n** ||| INTEGER4 — No Doc

**RETURN** TABLE ( { UNSIGNED2 wi , UNSIGNED8 id , UNSIGNED4 number ,  
INTEGER4 value } ) —

---

## FUNCTION **i\_ByTiling**

`import_test \`

	<b>i_ByTiling</b>
(SET OF Types.t_FieldNumber f, Types.t_Discrete N=ML_Core.Config.Discrete)	

No Documentation Found

**PARAMETER** n ||| INTEGER4 — No Doc

**PARAMETER** f ||| SET ( UNSIGNED4 ) — No Doc

**RETURN** TABLE ( r\_Method ) —

---

## FUNCTION ByTiling

`import_test \`

	<b>ByTiling</b>
(DATASET(Types.NumericField) d, Types.t_Discrete N=ML_Core.Config.Discrete)	

No Documentation Found

**PARAMETER** d ||| TABLE ( NumericField ) — No Doc

**PARAMETER** n ||| INTEGER4 — No Doc

**RETURN** TABLE ( { UNSIGNED2 wi , UNSIGNED8 id , UNSIGNED4 number ,  
INTEGER4 value } ) —

---

## FUNCTION Do

`import_test \`

	<b>Do</b>
(DATASET(Types.NumericField) d, DATASET(r_Method) to_do)	

No Documentation Found

**PARAMETER** d ||| TABLE ( NumericField ) — No Doc

**PARAMETER** to\_\_do ||| TABLE ( r\_Method ) — No Doc

**RETURN** TABLE ( DiscreteField ) —

---

# import\_test\_2

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## IMPORTS

Constants |

## DESCRIPTIONS

### **MODULE** import\_test\_2

	import_test_2
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No Documentation Found

### Children

1. [nod\\_1](#) : Useful constants
2. [mod\\_1](#) : No Documentation Found

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### **MODULE** nod\_1

[import\\_test\\_2](#) \

	nod_1
--	-------

Useful constants



## Children

1. `Pi` : Constant PI
  2. `Root_2` : Constant square root of 2
- 

### **ATTRIBUTE** `Pi`

`import_test_2 \ nod_1 \`

	<code>Pi</code>
--	-----------------

Constant PI

**RETURN** REAL8 —

---

### **ATTRIBUTE** `Root_2`

`import_test_2 \ nod_1 \`

	<code>Root_2</code>
--	---------------------

Constant square root of 2

**RETURN** REAL8 —

---

### **ATTRIBUTE** `mod_1`

`import_test_2 \`

	<code>mod_1</code>
--	--------------------

No Documentation Found

**RETURN** INTEGER1 —

---

# mod\_1

---

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## DESCRIPTIONS

### **MODULE** mod\_1

	mod_1
--	-------

No Documentation Found

#### Children

1. [v1](#) : No Documentation Found
  2. [m1v4](#) : No Documentation Found
  3. [m1v6](#) : No Documentation Found
- 

### **ATTRIBUTE** v1

[mod\\_1](#) \

	v1
--	----

No Documentation Found

**RETURN** REAL8 —

---

## MODULE m1v4

[mod\\_1](#) \

	<b>m1v4</b>
	(REAL8 a1)

No Documentation Found

**PARAMETER** a1 ||| REAL8 — No Doc

### Children

1. [m1v5](#) : No Documentation Found

---

## ATTRIBUTE m1v5

[mod\\_1](#) \ [m1v4](#) \

	<b>m1v5</b>
--	-------------

No Documentation Found

**RETURN** REAL8 —

---

## ATTRIBUTE m1v6

[mod\\_1](#) \

	<b>m1v6</b>
--	-------------

No Documentation Found



# mod\_2

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## IMPORTS

mod\_1 |

## DESCRIPTIONS

### **MODULE** mod\_2

	mod_2
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No Documentation Found

### Children

1. [v2](#) : No Documentation Found
  2. [v3](#) : No Documentation Found
  3. [v4](#) : No Documentation Found
  4. [v5](#) : No Documentation Found
  5. [v6](#) : No Documentation Found
- 

### **MODULE** v2

[mod\\_2 \](#)

	<b>v2</b>
--	-----------

No Documentation Found

Children

1. [v1](#) : No Documentation Found
2. [m1v4](#) : No Documentation Found
3. [m1v6](#) : No Documentation Found

**ATTRIBUTE** v1

[mod\\_2](#) \ [v2](#) \

	<b>v1</b>
--	-----------

No Documentation Found

**RETURN** REAL8 —

**MODULE** m1v4

[mod\\_2](#) \ [v2](#) \

	<b>m1v4</b>
<a href="#">(REAL8 a1)</a>	

No Documentation Found

**PARAMETER** [a1](#) ||| REAL8 — No Doc

Children

1. `m1v5` : No Documentation Found

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**ATTRIBUTE** `m1v5`

`mod_2 \ v2 \ m1v4 \`

<code>m1v5</code>
-------------------

No Documentation Found

**RETURN** `REAL8` —

---

**ATTRIBUTE** `m1v6`

`mod_2 \ v2 \`

<code>m1v6</code>
-------------------

No Documentation Found

**RETURN** `REAL8` —

---

**ATTRIBUTE** `v3`

`mod_2 \`

<code>v3</code>
-----------------

No Documentation Found



**RETURN** REAL8 —

---

**MODULE** v4

[mod\\_2 \](#)

	v4
(REAL8 a2)	

No Documentation Found

**PARAMETER** a2 ||| REAL8 — No Doc

Children

- 1. [m1v5](#) : No Documentation Found
- 

**ATTRIBUTE** m1v5

[mod\\_2 \](#) [v4 \](#)

	m1v5
--	------

No Documentation Found

**RETURN** REAL8 —

---

**ATTRIBUTE** v5

[mod\\_2 \](#)

	<b>v5</b>
--	-----------

No Documentation Found

**RETURN** REAL8 —

---

**ATTRIBUTE** v6

[mod\\_2](#) \

	<b>v6</b>
--	-----------

No Documentation Found

**RETURN** REAL8 —

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