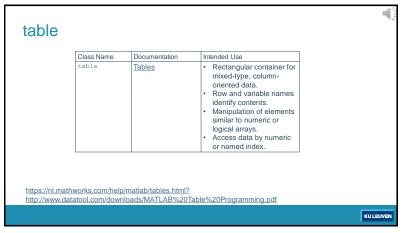


function handle int16, uint16, int132, uint32, int64, uint64

1 3



Yet another datatype, in between a cell and a structure.
 Arrays in tabular form whose named columns can have different types. Each variable in a table can have a different data type and a different size with the one restriction that each variable must have the same number of rows.
 A container to hold data and metadata such as variable names, row names, descriptions, and variable units, together.

Suitable for holding heterogeneous data.
 Tables are useful for mixed-type tabular data that are often stored as columns in a text file or in a spreadsheet.
 Tables consist of rows and column-oriented variables.

Since R2013b

4

5

table: creation File: demo_tables.mlx Create a table from: Existing workspace variables using table function Import from a file into a table using: Import Tool readtable function. Get some information about a table: summary function properties function

table: selecting elements
Selecting elements from a table
works the same way as with cell arrays
use () to select the container, {} to select the content
Named selection is also possible
Use the dot operator to select a variable (column)
Row can also be named
Properties.RowNames

Matlab date and time

- https://nl.mathworks.com/help/matlab/date-and-time-operations.html
- help timefun

6

- The date and time data types are:
 - datetime
 - duration
 - calendarDuration

KU LEUVEN

KU LEUVEN

datetime arrays

- · File: demo datetime.mlx
- · support arithmetic, sorting, comparisons, plotting, and formatted display
- Creation: datetime function
 - Relative day
 - · Date strings
 - · Character string
 - Cell array
 - . .

string

KU LEUVEN

11