

# Top Functions: Documentation, Relevant SAS Courses, and Blogs

## Replacing IF-THEN Conditional Processing

- IFC: [SAS Help Center: IFC Function](#)
- IFN: [SAS Help Center: IFN Function](#)

## Manipulating, Creating, and Shifting Dates

- MONTH: [SAS Help Center: MONTH Function](#)
- YEAR: [SAS Help Center: YEAR Function](#)
- DAY: [SAS Help Center: DAY Function](#)
- QTR: [SAS Help Center: QTR Function](#)
- MDY: [SAS Help Center: MDY Function](#)
- Relevant SAS course: [Course: SAS® Programming 1: Essentials](#)
- INTNX: [SAS Help Center: INTNX Function](#)
- INTCK: [SAS Help Center: INTCK Function](#)
- Relevant SAS course: [Course: SAS® Programming 2: Data Manipulation Techniques](#)

## Converting Column Types

- INPUT: [SAS Help Center: INPUT Function](#)
- PUT: [SAS Help Center: PUT Function](#)
- Relevant SAS course: [Course: SAS® Programming 2: Data Manipulation Techniques](#)

## Manipulating Character Values

- SCAN: [SAS Help Center: SCAN Function](#)
- TRANWRD: [SAS Help Center: TRANWRD Function](#)
- COMPRESS: [SAS Help Center: COMPRESS Function](#)
- CATX: [SAS Help Center: CATX Function](#)
- FIND: [SAS Help Center: FIND Function](#)
- SUBSTR: [SAS Help Center: SUBSTR \(right of =\) Function](#)
- Relevant SAS course: [Course: SAS® Programming 2: Data Manipulation Techniques](#)

## Eliminating Case Sensitivity on the WHERE Statement

- UPCASE: [SAS Help Center: UPCASE Function](#)

- Relevant SAS course: [Course: SAS® Programming 1: Essentials](#)

## Using Patterns to Manipulate Data

- PRXCHANGE: [SAS Help Center: PRXCHANGE Function](#)
- PRX Metacharacters: [SAS Help Center: Tables of Perl Regular Expression \(PRX\) Metacharacters](#)
- Relevant SAS course: [Course: SAS® Programming 3: Advanced Techniques](#)

## Modifying Character Column Length Using a Macro

- MAX: [SAS Help Center: MAX Function](#)
- LENGTH: [SAS Help Center: LENGTH Function](#)
- Relevant SAS course: [Course: SAS® Macro Language 1: Essentials](#)
- Blog: [Fixing Broken Hearts and Macros: A Character Variable Check](#)