

Practice: Extracting Information from a Column

The file **Batch Records.jmp** has a column, **Lot**, that includes embedded information. It includes

- the company name (JMP or SAS)
- the part number, and
- the production date.

There are three columns in this data table with formulas for extracting and formatting this information. For this practice, you focus on the formula used to extract the part number, but you are encouraged to explore the other formulas on your own.

Look at the formula for **Part Number** to answer the following questions. **Hint:** Place your mouse pointer on the functions used in the formula to see a text box describing the functions. For more information, go to the Scripting Index under the Help menu in JMP, and use the search box to search for the function.

1. What does the Word function do?

For this example, the Word function returns the second word of the string that follows the hyphen. This is the substring that is five-digits long, starting with the letter L.

2. What does the Substr function do?

For the substring returned from the Word function, the Substr function starts at the second character and returns the rest of the string. This substring is the four-digit part numbers.

3. What does the Num function do?

The Num function converts the data returned from the Substr function to numeric data. This applies a numeric data format to the lot numbers.

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