Trifacta-inspired Examples

Some examples of the "trifacta-inspired" condition are as follows:

Expand more information

For **Reshape Operations** like *gather* (see Q5 in *Func* Set2), the original Trifacta text is Convert 2 columns into rows. Because the text does not show the information of specific columns, we modify it to Convert extra and group into rows to ensure fairness.

```
1   sleep_gather = gather(sleep, key=name, value=num, extra, group)
```

Another example is **Separate Columns** like *separate* (see Q5 in *Func* Set1), the original Trifacta text is Split uptake on delimiters matching '.' into 2 columns, we change it to Split uptake on delimiters matching '.' into "int" and "decimal" columns.

```
1   CO2_separate = separate(CO2, uptake, into=c("int", "decimal"), sep="[.]")
```

Combine different operation descriptions

For some operations like **Combine Columns**, their descriptions are not directly supported by Trifacta. For example, considering the following code (see Q1 in *Func* Training Set):

```
1   longley_mutate = mutate(longley, people=Unemployed+Employed, .keep="unused")
```

a user needs to perform two operations (i.e. **Creat Columns** and **Delete Columns**) in sequence to implement the code. Namely, Create people from Unemployed+Employed, and Delete Unemployed, Employed.
In this condition, we combine the sequential operation descriptions into Create people from Unemployed+Employed and Delete Unemployed, Employed.