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Why are you panicking?

This may be your solution

CLEAN

There are different spellings for the same thing!

Open Refine | Facets and Clusters

Allows for consolidation, cleaning and mass editing of data.

Open Refine | Edit cells > Transform

With this formula you can replace specific values with another one. *value.replace('value that needs replacing','value you want instead')*

FORMAT

There's garbled stuff in my data or I don't like the words that are used repeatedly! **Excel, Spreadsheets & Open Refine** | Dates, names, addresses

For custom date formatting in Spreadsheets, select the column you want to modify, then go to *format > number > more formats > more date and time formats*. Then add and drop formats.

For name formats in Excel or Spreadsheets, =*PROPER*("john smith") results in "John Smith"

For splitting columns in Open Refine, select *split into several columns > by separator and into two columns* in the column's dropdown menu

MERGE

Data comes from different places and needs to be merged!

Excel or Spreadsheets | column or row-based joining of data sets
Use vertical lookup to join data based on common column values. This formula searches down the first column of a range for a key and returns the value of a specific cell in the row found.

=VLOOKUP (value, table, col_index, [range_lookup])

Or combine index with match. The formula = index(range,

row_or_column) gets you a value based on the index/position of a value and =match(lookup_value, lookup_range, match_type) gets you the position of a value. Use them together:

=index(range, MATCH(lookup_value, lookup_range, match_type))match_type))

ANALYZE

I don't know what to make of the data!

Excel or Spreadsheets | sorting

Sort it to find outliers or to rank a data set. Do so by highlighting and then going to data > sort range > selecting from "A to Z" or "Z to A" (optionally, you can first sort by one column and then by another).

Excel or Spreadsheets | summarize raw data

If you have raw data (each row represents a data entry, which includes individuals, survey respondents or households), then you can summarize and count entries by using pivot tables (*data> pivot table*). With a pivot table you can count or add values by common categories. Fun things include adding *row* and *value* categories.

Excel or Spreadsheets | isolating and filtering

If you're curious about a specific category subset in your data, you can highlight your data and then select *data* > *filter*. Then you can check and uncheck values in your filter to show or hide data (there's also a sort function!).

Excel or Spreadsheets | visualizing for analysis

Seeing a visual aids can help you make sense of your data. There's *insert* > *chart* to look at your data through different charts. There's = SPARKLINE(range) to show tiny graphics inside lines. And there's conditional formatting (format > conditional formatting > color scale with min and max values) which turns your spreadsheet into a heat map!