Problem: Transform your data during exploration

Solution: dplyr: a grammar of data manipulation

"Verb"	Task
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Task Pick rows by their values filter() Reorder the rows arrange()

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Operate on groups of rows instead of one at a time

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filter()	Pick rows by their values
arrange()	Reorder the rows
select()	Pick variables by their names
mutate()	Create new variables with functions of existing variables
summarise()	Collapse many values down to a single summary
group_by()	Operate on groups of rows instead of one at a time

All dplyr verbs work similarly

- The first argument is a data frame (or tibble)
- The remaining arguments describe what to do with the data frame
- The result is a new data frame (or tibble)