**example of slr:**

In the following example we are trying to predict the tip a waiter will receive based on how much a customer paid for their meal. I have created a dataset with a fake relationship where customers tip about 1/4th of the price of their meal, some a little bit more, some a little bit less.

**example of mlr:**

In this example we are going to use a data set that provides information about a postal delivery service. It provides 4variables, milesTraveled (X1), numDeliveries (X2), gasPrice (X3) and travelTime (Y). The first three are our input variables, and travel time is our output variable.