

```
function [TypeCall, HowManyCall, DataCall] = callBreakdown(RawCallData)
% CALLBREAKDOWN
% [TypeCall, HowManyCall, StuffCall] = callBreakdown(RawCallData)
% Breakdown all the relevant call data.
%
% Marcus J. Pryor -- Section: 06

CallTypesPossible = unique(RawCallData(:,2)); % Makes sure call choices don't repeat

CallSelected = listdlg('ListString', CallTypesPossible, 'PromptString', ...
    'Select a call type', 'SelectionMode', 'single'); % Allows user to choose call type

TypeCall = CallTypesPossible(CallSelected); % Returns the Type of call selected

HowManyCall = sum(strcmp(RawCallData(:,2),TypeCall)); % Counts how many calls were made of
of the chosen type

RawCallData(~(strcmp(RawCallData(:,2),TypeCall)), :) = []; % Deletes useless data
RawCallData(:,6) = []; % Deletes useless data
RawCallData(:,5) = []; % Deletes useless data
RawCallData(:,2) = []; % Deletes useless data
RawCallData(:,1) = []; % Deletes useless data

DataCall = RawCallData; % Makes the return value StuffCall equal to remaining data

%{
[~,~,RawCallData] = xlsread('Calls_for_Service_2011_03_55000_LA.xlsx');
[TypeCall, HowManyCall, StuffCall] = callBreakdown(RawCallData)
%}
```

I like the idea! deleting backwards so you don't have to think about the 'shifting'.

