

```
function [callType, numSameCall, specificCallData] = emergencyDataFilter(rawdataArray)
%EMERGENCYDATAFILTER
% [callType, numSameCall, specificCallData] = emergencyDataFilter(rawdataArray)
%
%allows the user to pick from a list of emergency situations pulled from
%an array of 911 call data
%
%returns the the type of call selected by the users as a character array,
%the number of times the call was made as a double and a cell array of data
%corresponding to all of the calls with the same type chosen by the user.
%
%written by Hunter Michael, Section 06

%allow the user to pick a type of call to pull from the file
emergencyChoices = unique(rawdataArray(2:end,2));
userChoice = listdlg('ListString', emergencyChoices, 'SelectionMode', 'single');

%get the call type as a char array
callType = emergencyChoices{userChoice};

%determine the number of times that call is made
numSameCall = length(rawdataArray(strcmp(rawdataArray(:,2), callType), 2));

%get the table with only data corresponding to the chosen call
rawdataArray(1,:) = []; %delete unnecessary data
rawdataArray(:, 1) = [];
rawdataArray(:, 4:5) = [];

%slice data corresponding to the users choice of call
specificCallData = rawdataArray(strcmp(rawdataArray(:,1), callType), 2:end);

%{
[~,~,rawData] = xlsread('Calls_for_Service_2011_03_55000_LA.xlsx');
[callType, numSameCall, specificCallData] = emergencyDataFilter(rawData)
%}
```

← a little different  
logic. deleting here.