```matlab
%This function takes in a data matrix and outputs the
%average row vector.

function row_avg = vector_average(datamatrix)
    row_avg = zeros(1, size(datamatrix, 2));
    num_rows = size(datamatrix, 1);

    for i = 1:num_rows
        row_avg = row_avg + datamatrix(i, :);
    end

    row_avg = row_avg / num_rows;

%Your code should go above this line.
if (size(row_avg,1)~=1)
error("The variable row_avg is not a row vector.")
end
if (size(row_avg,2)~=size(datamatrix,2))
error("The variable row_avg does not have the same number of columns as the data matrix input.")
end
```

Not enough input arguments.

Error in vector_average (line 5)
    row_avg = zeros(1, size(datamatrix, 2));