jQuery Plugins Project

# **Code**

## **Project: Final Assignment Part B**

**Code Repository:** [**https://github.com/kerruish/jQuery-Project**](https://github.com/kerruish/jQuery-Project)

## **Subject: Client Side Scripting 2**

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GRUNTFILE.JS:

module.exports = function(grunt) {

grunt.initConfig({

pkg: grunt.file.readJSON('package.json'),

concat: {

options: {

separator: ';'

},

dist: {

src: ['src/js/\*.js'],

dest: 'dist/js/<%= pkg.name %>.js'

}

},

uglify: {

options: {

banner: '/\*! <%= pkg.name %> <%= grunt.template.today("dd-mm-yyyy") %> \*/\n'

},

dist: {

files: {

'dist/js/<%= pkg.name %>.min.js': ['<%= concat.dist.dest %>']

}

}

},

concat\_css: {

options: {},

all: {

src: ["src/css/\*.css"],

dest: "dist/css/<%= pkg.name %>.css"

},

},

cssmin: {

target: {

files: [{

expand: true,

cwd: 'dist/css',

src: ['\*.css', '!\*.min.css'],

dest: 'dist/css',

ext: '.min.css'

}]

}

},

jshint: {

ignore\_warning: {

options: {

// Supress: "['{a}'] is better written in dot notation."

// Unable to change dataset

'-W069': true,

//"Use '{a}' to compare with '{b}'.",

// Unable to change dataset

"-W041": false

},

src: 'src/\*\*/\*.js',

filter: 'isFile'

}

},

'json-minify': {

build: {

files: 'dist/bin/\*\*/\*.json'

}

},

watch: {

files: ['<%= jshint.files %>'],

tasks: ['jshint', 'qunit']

},

});

grunt.loadNpmTasks('grunt-contrib-uglify');

grunt.loadNpmTasks('grunt-contrib-jshint');

grunt.loadNpmTasks('grunt-contrib-watch');

grunt.loadNpmTasks('grunt-contrib-concat');

grunt.loadNpmTasks('grunt-concat-css');

grunt.loadNpmTasks('grunt-contrib-cssmin');

grunt.loadNpmTasks('grunt-json-minify');

grunt.loadNpmTasks('grunt-json-minify');

grunt.registerTask('test', ['jshint']);

grunt.registerTask('default', ['jshint', 'concat', 'uglify', 'concat\_css', 'cssmin', 'json-minify']);

};

// Creates Highchart for Computer Use from ICA18

$(document).ready(function() {

contextICA18 = {}; // global namespace variable

contextICA18.computerUsedEveryDayBoth = [];

contextICA18.computerUsedEveryDayMale = [];

contextICA18.computerUsedEveryDayFemale = [];

contextICA18.computerUsedEveryDayYear = [];

$.ajax({

url: 'bin/ICA18.json',

cache: false,

dataType: 'json',

context: contextICA18,

success: function(data) {

for (var i = 0; i < data.length; i++) {

if (data[i]["Frequency of Use"] == "Every day or almost every day" && data[i]["Sex"] == "Both sexes" && data[i].value != null) {

contextICA18.computerUsedEveryDayBoth.push(data[i].value);

contextICA18.computerUsedEveryDayYear.push(data[i].Year);

}

if (data[i]["Frequency of Use"] == "Every day or almost every day" && data[i]["Sex"] == "Male" && data[i].value != null) {

contextICA18.computerUsedEveryDayMale.push(data[i].value);

}

if (data[i]["Frequency of Use"] == "Every day or almost every day" && data[i]["Sex"] == "Female" && data[i].value != null) {

contextICA18.computerUsedEveryDayFemale.push(data[i].value);

}

}

fixBadData();

drawChart();

}

});

// Correct bad CSO data

// Removing duplicate 2007 entry

function fixBadData() {

delete contextICA18.computerUsedEveryDayYear[0];

delete contextICA18.computerUsedEveryDayBoth[0];

delete contextICA18.computerUsedEveryDayMale[0];

delete contextICA18.computerUsedEveryDayFemale[0];

contextICA18.computerUsedEveryDayYear = $.grep(contextICA18.computerUsedEveryDayYear, function(n) {

return n == 0 || n;

});

contextICA18.computerUsedEveryDayBoth = $.grep(contextICA18.computerUsedEveryDayBoth, function(n) {

return n == 0 || n;

});

contextICA18.computerUsedEveryDayMale = $.grep(contextICA18.computerUsedEveryDayMale, function(n) {

return n == 0 || n;

});

contextICA18.computerUsedEveryDayFemale = $.grep(contextICA18.computerUsedEveryDayFemale, function(n) {

return n == 0 || n;

});

}

function drawChart() {

Highcharts.chart('computerDailyUse', {

chart: {

type: 'line'

},

title: {

text: 'The percentage of people using a computer every day'

},

legend: {

layout: 'vertical',

align: 'left',

verticalAlign: 'top',

x: 150,

y: 100,

floating: true,

borderWidth: 1,

backgroundColor: (Highcharts.theme && Highcharts.theme.legendBackgroundColor) || '#FFFFFF'

},

credits: {

enabled: false,

},

exporting: {

enabled: false,

},

tooltip: {

enabled: false,

},

xAxis: {

categories: contextICA18.computerUsedEveryDayYear,

},

yAxis: {

title: {

text: 'Percentage of the population'

}

},

plotOptions: {

areaspline: {

fillOpacity: 0.5

}

},

series: [{

name: 'Female',

color: '#D991AF',

data: contextICA18.computerUsedEveryDayFemale

}, {

name: 'Male',

color: '#595594',

data: contextICA18.computerUsedEveryDayMale

}, {

name: 'Both',

color: '#479030',

data: contextICA18.computerUsedEveryDayBoth,

visible: false

}]

});

}

});

;// Creates Highchart for Households with computers from ICA27

// Global colour style variables

var pieColourBackground = 'white';

var pieColourPrimary = '#9C27B0';

var pieColourSeconary = '#212121';

var pieColourText = 'grey';

var buttonClass = 'btn btn-default ';

var chart = null;

$(document).ready(function() {

contextICA27 = {}; // global namespace variable

contextICA27.householdsWithInternetComputerPercentage = [];

contextICA27.householdsWithInternetComputerPercentageYear = [];

contextICA27.householdsWithInternetNoComputerPercentage = [];

$.ajax({

url: 'bin/ICA27.json',

cache: false,

dataType: 'json',

context: contextICA27,

success: function(data) {

for (var i = 0; i < data.length; i++) {

if (data[i].Statistic == "Households with Computer connected to the Internet (%)" && data[i]["Type of Internet Connection"] == "All internet connections" && data[i].value != null) {

contextICA27.householdsWithInternetComputerPercentage.push(data[i].value);

contextICA27.householdsWithInternetComputerPercentageYear.push(data[i]["Year"]);

}

}

for (var j = 0; j < contextICA27.householdsWithInternetComputerPercentage.length; j++) {

contextICA27.householdsWithInternetNoComputerPercentage.push(100 - contextICA27.householdsWithInternetComputerPercentage[j]);

}

Highcharts.chart('computerOwnership', {

title: {

text: 'Households with a Computer'

},

credits: {

enabled: false

},

exporting: {

enabled: false

},

xAxis: {

categories: contextICA27.householdsWithInternetComputerPercentageYear

},

series: [{

type: 'column',

name: 'Computer',

data: contextICA27.householdsWithInternetComputerPercentage,

color: 'rgb(99, 207, 61)'

}, {

type: 'column',

name: 'No Computer',

data: contextICA27.householdsWithInternetNoComputerPercentage,

color: 'rgb(134, 9, 9)'

}, {

type: 'pie',

name: 'Current Ownership',

data: [{

name: 'Current - Computer',

y: contextICA27.householdsWithInternetComputerPercentage[9],

color: 'rgb(99, 207, 61)'

}, {

name: 'Current - No Computer',

y: contextICA27.householdsWithInternetNoComputerPercentage[9],

color: 'rgb(134, 9, 9)'

}],

center: ['10%', 20],

size: 80,

showInLegend: false,

dataLabels: {

enabled: false

}

}]

});

}

});

});

//

//

//

// function drawChart() {

// var options = {

// chart: {

// plotBackgroundColor: pieColourBackground,

// plotBorderWidth: null,

// plotShadow: true,

// renderTo: 'computerOwnership',

// type: 'pie',

// options3d: {

// enabled: true,

// alpha: 45,

// beta: 0

// }

// },

// title: {

// text: 'Computer Ownership',

// style: {

// color: pieColourText,

// fontSize: '25px'

// }

// },

// subtitle: {

// text: 'Who have one and who don\'t.'

// },

// credits: {

// enabled: false

// },

// exporting: {

// enabled: false

// },

// tooltip: {

// enabled: false

// },

// plotOptions: {

// pie: {

// allowPointSelect: true,

// cursor: 'pointer',

// innerSize: 100,

// depth: 15,

// dataLabels: {

// enabled: false,

// format: '{point.name}',

// style: {

// color: pieColourText,

// }

// }

// }

// },

// series: [{

// name: 'Computers',

// colorByPoint: true,

// data: [{

// name: 'With a computer',

// color: pieColourPrimary,

// y: contextICA27.householdsWithInternetComputerPercentage[9]

// }, {

// name: 'No Computer',

// color: pieColourSeconary,

// y: 100 - contextICA27.householdsWithInternetComputerPercentage[9],

// sliced: true,

// selected: true

// }]

// }]

// };

// chart = new Highcharts.Chart(options);

//

//

// console.log("Buttons");

// for (i = 1; i <= 10; i++) {

// console.log("Buttons");

//

// newButton = $('<button/>', {

// text: i, //set text 1 to 10

// id: 'btn\_' + i,

// click: function() {

// alert('hi');

// }

// });

//

// $("#computerOwnership").append(newButton);

// }

// $("#computerOwnership").append($('<div/>', {

// id: 'computerOwnershipButtons',

// class: "btn-group",

// }));

// for (var i = 0; i < 10; i++) {

// console.log("Buttons");

// $("#computerOwnership").append($('<button/>', {

// text: contextICA27.householdsWithInternetComputerPercentageYear[i],

// id: 'btn\_' + i,

// class: buttonClass,

// click: function() {

// alert('hi');

// }

// });)

// }

// for (var i = 0; i < $('.buttonClass').length; i++) {

// console.log("Buttons");

// $('#btn\_' + i).click(function() {

// chart.series[0].update({

// data: [{

// name: 'With a computer',

// y: contextICA27.householdsWithInternetComputerPercentage[i]

// }, {

// name: 'No Computer',

// y: 100 - contextICA27.householdsWithInternetComputerPercentage[i],

// }]

// });

// });

// }

// $('#btn\_' + 0).click(function() {

// chart.series[0].update({

// data: [{

// name: 'With a computer',

// color: pieColourPrimary,

// y: contextICA27.householdsWithInternetComputerPercentage[0]

// }, {

// name: 'No Computer',

// color: pieColourSeconary,

// y: 100 - contextICA27.householdsWithInternetComputerPercentage[0],

// sliced: true,

// selected: true

// }]

// });

// });

// $('#btn\_' + 1).click(function() {

// chart.series[0].update({

// data: [{

// name: 'With a computer',

// color: pieColourPrimary,

// y: contextICA27.householdsWithInternetComputerPercentage[1]

// }, {

// name: 'No Computer',

// color: pieColourSeconary,

// y: 100 - contextICA27.householdsWithInternetComputerPercentage[1],

// sliced: true,

// selected: true

// }]

// });

// });

// $('#btn\_' + 2).click(function() {

// chart.series[0].update({

// data: [{

// name: 'With a computer',

// color: pieColourPrimary,

// y: contextICA27.householdsWithInternetComputerPercentage[2]

// }, {

// name: 'No Computer',

// color: pieColourSeconary,

// y: 100 - contextICA27.householdsWithInternetComputerPercentage[2],

// }]

// });

// });

// $('#btn\_' + 3).click(function() {

// chart.series[0].update({

// data: [{

// name: 'With a computer',

// color: pieColourPrimary,

// y: contextICA27.householdsWithInternetComputerPercentage[3]

// }, {

// name: 'No Computer',

// color: pieColourSeconary,

// y: 100 - contextICA27.householdsWithInternetComputerPercentage[3],

// sliced: true,

// selected: true

// }]

// });

// });

// $('#btn\_' + 4).click(function() {

// chart.series[0].update({

// data: [{

// name: 'With a computer',

// color: pieColourPrimary,

// y: contextICA27.householdsWithInternetComputerPercentage[4]

// }, {

// name: 'No Computer',

// color: pieColourSeconary,

// y: 100 - contextICA27.householdsWithInternetComputerPercentage[4],

// sliced: true,

// selected: true

// }]

// });

// });

// $('#btn\_' + 5).click(function() {

// chart.series[0].update({

// data: [{

// name: 'With a computer',

// color: pieColourPrimary,

// y: contextICA27.householdsWithInternetComputerPercentage[5]

// }, {

// name: 'No Computer',

// color: pieColourSeconary,

// y: 100 - contextICA27.householdsWithInternetComputerPercentage[5],

// sliced: true,

// selected: true

// }]

// });

// });

// $('#btn\_' + 6).click(function() {

// chart.series[0].update({

// data: [{

// name: 'With a computer',

// color: pieColourPrimary,

// y: contextICA27.householdsWithInternetComputerPercentage[6]

// }, {

// name: 'No Computer',

// color: pieColourSeconary,

// y: 100 - contextICA27.householdsWithInternetComputerPercentage[6],

// sliced: true,

// selected: true

// }]

// });

// });

// $('#btn\_' + 7).click(function() {

// chart.series[0].update({

// data: [{

// name: 'With a computer',

// color: pieColourPrimary,

// y: contextICA27.householdsWithInternetComputerPercentage[7]

// }, {

// name: 'No Computer',

// color: pieColourSeconary,

// y: 100 - contextICA27.householdsWithInternetComputerPercentage[7],

// sliced: true,

// selected: true

// }]

// });

// });

// $('#btn\_' + 8).click(function() {

// chart.series[0].update({

// data: [{

// name: 'With a computer',

// color: pieColourPrimary,

// y: contextICA27.householdsWithInternetComputerPercentage[8]

// }, {

// name: 'No Computer',

// color: pieColourSeconary,

// y: 100 - contextICA27.householdsWithInternetComputerPercentage[8],

// sliced: true,

// selected: true

// }]

// });

// });

// $('#btn\_' + 9).click(function() {

// chart.series[0].update({

// data: [{

// name: 'With a computer',

// color: pieColourPrimary,

// y: contextICA27.householdsWithInternetComputerPercentage[9]

// }, {

// name: 'No Computer',

// color: pieColourSeconary,

// y: 100 - contextICA27.householdsWithInternetComputerPercentage[9],

// sliced: true,

// selected: true

// }]

// });

// });

;// Creates Highchart for Online Shopping from ICA56

$(document).ready(function() {

contextICA56 = {}; // global namespace variable

contextICA56.onlinePurchaseFood = [];

contextICA56.onlinePurchaseBooks = [];

contextICA56.onlinePurchaseTickets = [];

contextICA56.onlinePurchaseCloths = [];

contextICA56.onlinePurchaseTravel = [];

contextICA56.onlinePurchaseFilmMusic = [];

contextICA56.onlinePurchaseYear = [];

$.ajax({

url: 'bin/ICA56.json',

cache: false,

dataType: 'json',

context: contextICA56,

success: function(data) {

for (var i = 0; i < data.length; i++) {

if (data[i]["Purchases Made Online"] == "Food/groceries" && data[i]["Age Group"] == "All ages") {

contextICA56.onlinePurchaseFood.push(data[i].value);

contextICA56.onlinePurchaseYear.push(data[i].Year);

}

if (data[i]["Purchases Made Online"] == "Books/magazines/newspapers/e-learning material" && data[i]["Age Group"] == "All ages") {

contextICA56.onlinePurchaseBooks.push(data[i].value);

}

if (data[i]["Purchases Made Online"] == "Tickets for events" && data[i]["Age Group"] == "All ages") {

contextICA56.onlinePurchaseTickets.push(data[i].value);

}

if (data[i]["Purchases Made Online"] == "Clothes/sports goods" && data[i]["Age Group"] == "All ages") {

contextICA56.onlinePurchaseCloths.push(data[i].value);

}

if (data[i]["Purchases Made Online"] == "Other travel arrangements" && data[i]["Age Group"] == "All ages") {

contextICA56.onlinePurchaseTravel.push(data[i].value);

}

if (data[i]["Purchases Made Online"] == "Films/music" && data[i]["Age Group"] == "All ages") {

contextICA56.onlinePurchaseFilmMusic.push(data[i].value);

}

}

drawChart();

}

});

});

function drawChart() {

Highcharts.chart('computerShopping', {

chart: {

type: 'line'

},

title: {

text: 'Online Shopping'

},

subtitle: {

text: 'Percentage of the population\'s online purchases '

},

legend: {

layout: 'vertical',

align: 'left',

verticalAlign: 'top',

x: 80,

y: 20,

floating: true,

borderWidth: 1,

backgroundColor: (Highcharts.theme && Highcharts.theme.legendBackgroundColor) || '#FFFFFF'

},

credits: {

enabled: false,

},

exporting: {

enabled: false,

},

tooltip: {

pointFormat: '{series.name}: <b>{point.y:.0f}%</b>',

style: {

color: 'blue',

fontSize: '16px',

}

},

xAxis: {

categories: contextICA56.onlinePurchaseYear,

},

yAxis: {

title: {

text: 'Percentage of the population'

}

},

plotOptions: {

areaspline: {

fillOpacity: 0.5

}

},

series: [{

name: 'Food',

color: '#D991AF',

data: contextICA56.onlinePurchaseFood

}, {

name: 'Books',

color: '#595594',

data: contextICA56.onlinePurchaseBooks

}, {

name: 'Event Tickets',

color: '#479030',

data: contextICA56.onlinePurchaseTickets,

}, {

name: 'Cloths',

color: '#D6680E',

data: contextICA56.onlinePurchaseCloths,

}, {

name: 'Travel Arrangements',

color: '#BBE728',

data: contextICA56.onlinePurchaseTravel,

}, {

name: 'Film and Music',

color: '#433090',

data: contextICA56.onlinePurchaseFilmMusic,

}]

});

}

;// Creates Highchart for Consumer Price Index from CPA01

$(document).ready(function() {

contextCPA01 = {}; // global namespace variable

contextCPA01.changePercentageAll = [];

contextCPA01.changePercentageABT = [];

contextCPA01.changePercentageCF = [];

contextCPA01.changePercentageHWEGF = [];

contextCPA01.changePercentageFH = [];

contextCPA01.changePercentageH = [];

contextCPA01.changePercentageT = [];

contextCPA01.changePercentageC = [];

contextCPA01.changePercentageRC = [];

contextCPA01.changePercentageEd = [];

contextCPA01.changePercentageRH = [];

contextCPA01.changePercentageMiscGS = [];

contextCPA01.changeYear = [];

$.ajax({

url: 'bin/CPA01.json',

cache: false,

dataType: 'json',

context: contextCPA01,

success: function(data) {

for (var i = 0; i < data.length; i++) {

if (data[i].Statistic == "Annual Average Percentage Change in Consumer Price Index (%)" && data[i]["Commodity Group"] == "All items") {

contextCPA01.changePercentageAll.push(data[i].value);

contextCPA01.changeYear.push(data[i].Year);

}

if (data[i].Statistic == "Annual Average Percentage Change in Consumer Price Index (%)" && data[i]["Commodity Group"] == "Alcoholic beverages and tobacco") {

contextCPA01.changePercentageABT.push(data[i].value);

}

if (data[i].Statistic == "Annual Average Percentage Change in Consumer Price Index (%)" && data[i]["Commodity Group"] == "Clothing and footwear") {

contextCPA01.changePercentageCF.push(data[i].value);

}

if (data[i].Statistic == "Annual Average Percentage Change in Consumer Price Index (%)" && data[i]["Commodity Group"] == "Housing, water, electricity, gas and other fuels") {

contextCPA01.changePercentageHWEGF.push(data[i].value);

}

if (data[i].Statistic == "Annual Average Percentage Change in Consumer Price Index (%)" && data[i]["Commodity Group"] == "Furnishings, household equipment and routine household maintenance") {

contextCPA01.changePercentageFH.push(data[i].value);

}

if (data[i].Statistic == "Annual Average Percentage Change in Consumer Price Index (%)" && data[i]["Commodity Group"] == "Health") {

contextCPA01.changePercentageH.push(data[i].value);

}

if (data[i].Statistic == "Annual Average Percentage Change in Consumer Price Index (%)" && data[i]["Commodity Group"] == "Transport") {

contextCPA01.changePercentageT.push(data[i].value);

}

if (data[i].Statistic == "Annual Average Percentage Change in Consumer Price Index (%)" && data[i]["Commodity Group"] == "Communications") {

contextCPA01.changePercentageC.push(data[i].value);

}

if (data[i].Statistic == "Annual Average Percentage Change in Consumer Price Index (%)" && data[i]["Commodity Group"] == "Recreation and culture") {

contextCPA01.changePercentageRC.push(data[i].value);

}

if (data[i].Statistic == "Annual Average Percentage Change in Consumer Price Index (%)" && data[i]["Commodity Group"] == "Education") {

contextCPA01.changePercentageEd.push(data[i].value);

}

if (data[i].Statistic == "Annual Average Percentage Change in Consumer Price Index (%)" && data[i]["Commodity Group"] == "Restaurants and hotels") {

contextCPA01.changePercentageRH.push(data[i].value);

}

if (data[i].Statistic == "Annual Average Percentage Change in Consumer Price Index (%)" && data[i]["Commodity Group"] == "Miscellaneous goods and services") {

contextCPA01.changePercentageMiscGS.push(data[i].value);

}

}

$("#cpa01").css({

height: '400px'

});

var options = {

chart: {

renderTo: 'consumerPriceIndex',

type: 'line'

},

title: {

text: 'Consumer Price Index'

},

xAxis: {

categories: contextCPA01.changeYear

},

legend: {

layout: 'vertical',

align: 'right',

verticalAlign: 'top',

x: 0,

y: 0,

floating: false,

borderWidth: 1,

backgroundColor: ((Highcharts.theme && Highcharts.theme.legendBackgroundColor) || '#FFFFFF'),

shadow: true,

},

credits: {

enabled: false,

},

exporting: {

enabled: false,

},

series: [{

name: 'All Items',

lineWidth: 5,

dashStyle: 'shortdash',

data: contextCPA01.changePercentageAll

}, {

name: 'Alcohol, beverages and tobacco',

data: contextCPA01.changePercentageABT,

visible: false

}, {

name: 'Clothing and Footware',

data: contextCPA01.changePercentageCF,

visible: false

}, {

name: 'Housing and utilities',

data: contextCPA01.changePercentageHWEGF,

visible: false

}, {

name: 'Furnishings and the household',

data: contextCPA01.changePercentageFH,

visible: false

}, {

name: 'Health',

data: contextCPA01.changePercentageH,

visible: false

}, {

name: 'Transport',

data: contextCPA01.changePercentageT,

visible: false

}, {

name: 'Communications',

data: contextCPA01.changePercentageC,

visible: false

}, {

name: 'Recreation and culture',

data: contextCPA01.changePercentageRC,

visible: false

}, {

name: 'Education',

data: contextCPA01.changePercentageEd,

visible: false

}, {

name: 'Restaurants and hotels',

data: contextCPA01.changePercentageRH,

visible: false

}, {

name: 'Miscellaneous goods and services',

data: contextCPA01.changePercentageMiscGS,

visible: false

}]

};

var chart = new Highcharts.Chart(options);

}

});

});

;

$(document).ready(function () {

$.getJSON("bin/Health.json", function (data) {

var html = "",

el = document.getElementById("Data");

el1 = document.getElementById("Data1");

el2 = document.getElementById("Data2");

el3 = document.getElementById("Data3");

$.each(data, function (key, val) {

html += "<tr><td>" + val["Statistic"] + "</td><td>"+ val["Current Health Care Expenditure (Euro Million)"]+ "</td><td>"+ val["Current Health Care Expenditure (%)"] + "</td></tr>";

});

el.innerHTML = html;

el1.innerHTML = html;

el2.innerHTML = html;

el3.innerHTML = html;

$('table.highchart').highchartTable();

});

});

;$(document).ready(function() {

$.getJSON("bin/VSA16.json", function(data) {

var tbl = "<div id='col3'><table style='display:none' id='chart3' class='highchart' data-graph-type='line' data-graph-container-before='1' data-graph-height='400' data-graph-width='400' >";

tbl += "<caption>Births in Sligo</caption><thead><tr><th>Years</th><th>Births Numbers</th></tr></thead><tbody>";

for (i = 0; i < data.length; i++) {

if (data[i]["County"] == "Sligo" && data[i]["Statistic"] == "All Births (Number)") {

tbl += "<tr><td>" + data[i].Year + "</td><td>" + data[i].value + "</td></tr>";

}

}

tbl += "</tbody></table></div>";

$('#populationBirthsSligo').append(tbl);

$('table#chart3').highchartTable();

});

});

;$(document).ready(function() {

$.getJSON("bin/VSA49.json", function(data) {

var tbl = "<div id='col2'><table style='display:none' id='chart2' class='highchart' data-graph-type='column' data-graph-container-before='1' data-graph-height='400' data-graph-width='400' >";

tbl += "<caption>Marriages in 2016</caption><thead><tr><th>Age</th><th>Groom</th><th>Bride</th></tr></thead><tbody>";

var sortedData = {};

sortedData.NumbersGroom = [];

sortedData.NumbersBride = [];

sortedData.Ages = [];

for (i = 0; i < data.length; i++) {

if (data[i].Year == "2016") {

if (data[i].Statistic == "Marriages per 1000 Males (%)") {

sortedData.NumbersGroom.push(data[i].value);

sortedData.Ages.push(data[i].Age);

}

if (data[i].Statistic == "Marriages per 1000 Females (%)") {

sortedData.NumbersBride.push(data[i].value);

}

}

}

for (var i = 0; i < sortedData.Ages.length; i++) {

tbl += "<tr><td>" + sortedData.Ages[i] + "</td><td>" + sortedData.NumbersGroom[i] + "</td><td data-graph-item-color='#df0101'>" + sortedData.NumbersBride[i] + "</td></tr>";

}

tbl += "</tbody></table></div>";

$('#populationMarriages').append(tbl);

$('table#chart2').highchartTable();

});

});

;$(document).ready(function() {

$.getJSON("bin/EP001.json", function(data) {

var tbl = "<div id='col1'><table style='display:none' id='chart1' class='highchart' data-graph-type='column' data-graph-container-before='1' data-graph-height='00' data-graph-width='600' >";

tbl += "<caption>Population in Ireland</caption><thead><tr><th>Region</th><th>Population</th></tr></thead><tbody>";

for (i = 0; i < data.length; i++) {

if (data[i]["Census Year"] == "2016" && data[i]["Sex"] == "Both sexes" && data[i]["Statistic"] == "Population 2016 (Number)" && data[i].value < 150000) {

tbl += "<tr><td>" + data[i]["Province County or City"] + "</td><td>" + data[i].value + "</td></tr>";

}

}

tbl += "</tbody></table></div>";

//$('.row').append(tbl);

$('#populationNumber').append(tbl);

$('table#chart1').highchartTable();

});

});

;console.log("Loaded: scroll");

$(function() {

var scrollMagicController = new ScrollMagic.Controller();

// var pinNavScence = new ScrollMagic.Scene({

// triggerElement: '#nav',

// triggerHook: 0,

// duration: '30%'

// })

// .setPin('#nav', {

// pushFollowers: true

// })

// .addTo(scrollMagicController);

var pinIntroScence = new ScrollMagic.Scene({

triggerElement: '#intro',

triggerHook: 0,

duration: '30%'

})

.setPin('#intro', {

pushFollowers: false

})

.addTo(scrollMagicController);

// loop trhough each .category element

$('.category').each(function() {

// build scene

var sceneComputerDailyUse = new ScrollMagic.Scene({

triggerElement: this,

duration: '90%',

triggerHook: 0.5

})

.setClassToggle(this, 'fade-in')

// .addIndicators({

// name: 'fade scene',

// colorTrigger: 'black',

// indent: 200,

// colorStart: 'rgb(228, 32, 185)',

// colorEnd: 'rgb(65, 228, 32)'

// })

.addTo(scrollMagicController);

});

// loop trhough each .graph element

$('.graph').each(function() {

// build scene

var sceneComputerDailyUse = new ScrollMagic.Scene({

triggerElement: this,

duration: '90%',

triggerHook: 0.9

})

.setClassToggle(this, 'fade-in')

// .addIndicators({

// name: 'fade scene',

// colorTrigger: 'black',

// indent: 200,

// colorStart: 'rgb(228, 32, 185)',

// colorEnd: 'rgb(65, 228, 32)'

// })

.addTo(scrollMagicController);

});

});

API

$(document).ready(function() {

$.getJSON("http://localhost:14579/api/population", function (data) {

var tbl = "<div id='col1' class='col-xs-6'><table style='display:none' class='highchart' data-graph-type='column' data-graph-container-before='1' data-graph-height='00' data-graph-width='600' >";

tbl += "<caption>Population in Ireland</caption><thead><tr><th>Region</th><th>Population</th></tr></thead><tbody>";

for (i=0; i<data.length; i++)

{

tbl +="<tr><td>" + data[i].Region + "</td><td>" + data[i].Population + "</td></tr>";

}

tbl += "</tbody></table></div>";

//$('.row').append(tbl);

$('body').append(tbl);

//$('table.highchart').highchartTable();

});

$.getJSON("http://localhost:14579/api/marriages", function (data) {

var tbl = "<div id='col2' class='col-xs-6'><table style='display:none' class='highchart' data-graph-type='column' data-graph-legend-disabled='1' data-graph-container-before='1' data-graph-height='400' data-graph-width='400' >";

tbl += "<caption>Marriages in 2016</caption><thead><tr><th>Age</th><th>Groom</th><th>Bride</th></tr></thead><tbody>";

for (i=0; i<data.length; i++)

{

tbl +="<tr><td>" + data[i].Age + "</td><td>" + data[i].NumbersGroom + "</td><td data-graph-item-color='#df0101'>" + data[i].NumbersBride + "</td></tr>";

}

tbl += "</tbody></table></div>";

$('body').append(tbl);

// $('table.highchart').highchartTable();

});

$.getJSON("http://localhost:14579/api/births", function (data) {

var tbl = "<div id='col3' class='col-xs-12'><table style='display:none' class='highchart' data-graph-type='line' data-graph-legend-disabled='1' data-graph-container-before='1' data-graph-height='400' data-graph-width='400' >";

tbl += "<caption>Births in Sligo</caption><thead><tr><th>Years</th><th>Births Numbers</th></tr></thead><tbody>";

for (i=0; i<data.length; i++)

{

tbl +="<tr><td>" + data[i].Years + "</td><td>" + data[i].Births + "</td></tr>";

}

tbl += "</tbody></table></div>";

$('body').append(tbl);

$('table.highchart').highchartTable();

$('#highcharts-ffav2rl-0.highcharts-point:last').attr('fill','#FF0000');

});

});