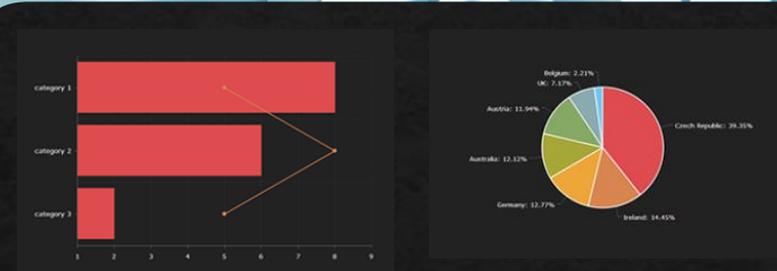


# CREATING CHARTS USING live.amcharts



**Dr. Deepa Bisht**

**Assistant Professor**

**Sivanthi College of Education,  
Chennai (Tamilnadu)**

**8<sup>th</sup> Sept 2020 (4:00-5:00 pm)**

# PROGRAM FLOW

INTRODUCTION : CHARTS AND TOOL ([live.amCharts.com](http://live.amCharts.com))

DEMONSTRATION : CREATING BAR CHART

DEMONSTRATION : CREATE PIE CHART

QUICK DEMONSTRATION : CREATING DIFFERENT CHART

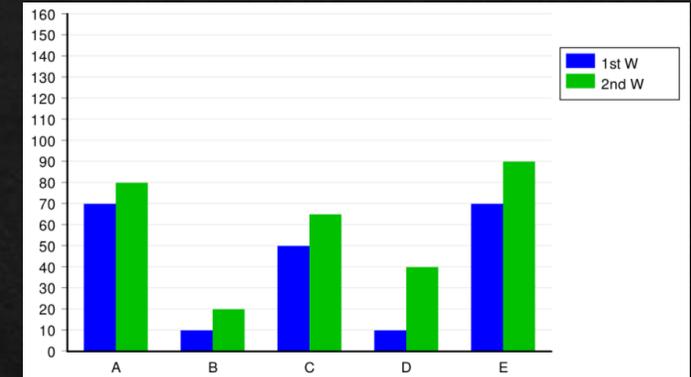
# CHART

- ◆ Charts are often used to ease understanding of large quantities of data and the relationships between parts of the data.
- ◆ Graphical representation of data
- ◆ Data is represented in various symbols;
  - ◆ Bar Chart - Bar
  - ◆ Line Chart – Line
  - ◆ Pie Chart – Slices

# TYPES OF CHARTS

## 1. BAR CHART:

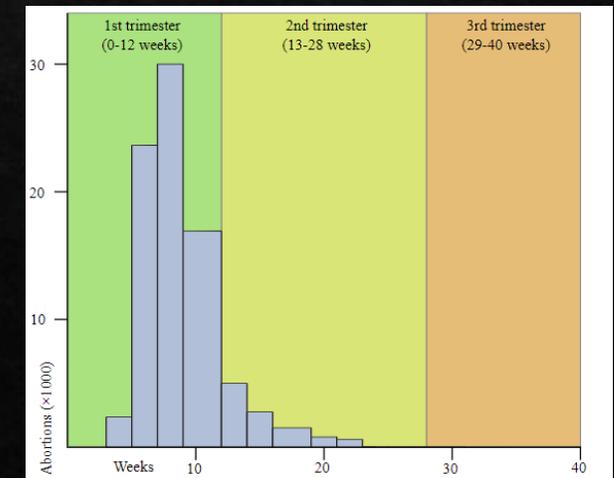
It is a graph represented by spaced rectangular bars that describe the data points in a set of data. It is usually used to plot discrete and categorical data.



Innesw / CC BY-SA (<https://creativecommons.org/licenses/by-sa/3.0>)

## 2. HISTOGRAM:

It shows the distribution of a dataset. They graph the percentage or the number of instances of different categories. For example, to show the distribution of age categories (0-10, 11-20, 21-30, etc.).

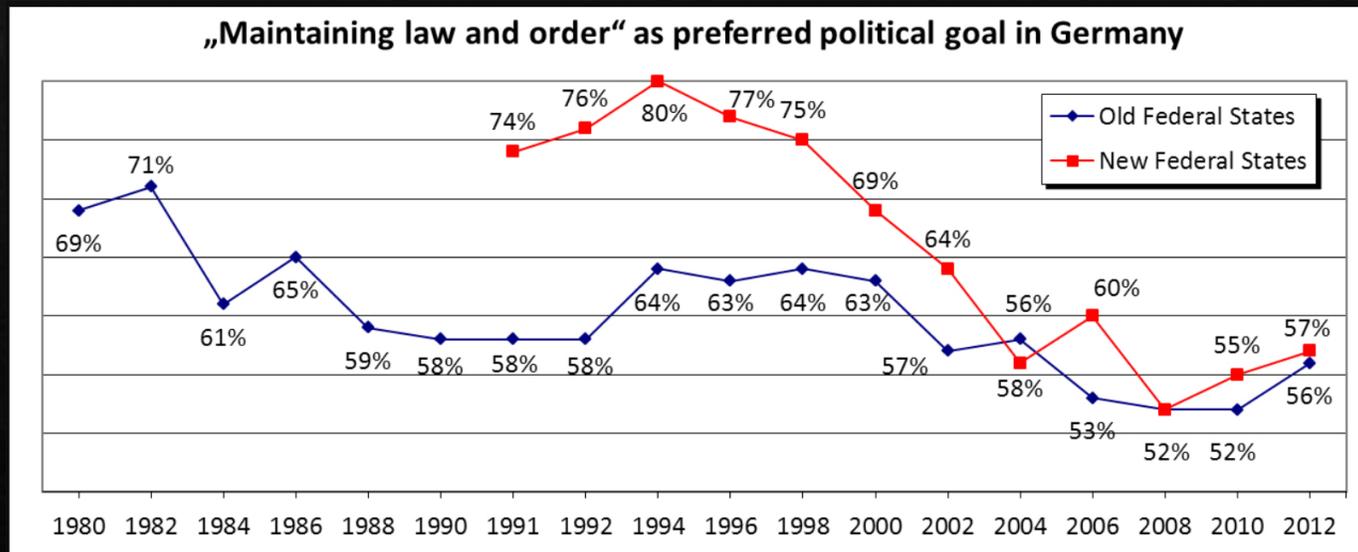


Omeatron / CC BY-SA (<https://creativecommons.org/licenses/by-sa/3.0>)

# TYPES OF CHARTS

## 3. LINE GRAPH:

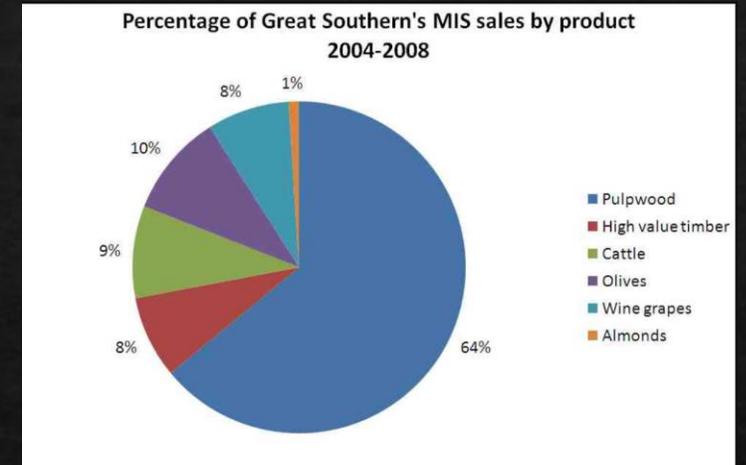
These are represented by a group of data points joined together by a straight line. Each of these data points describes the relationship between the horizontal and the vertical axis on the graph. This is the perfect for showing multiple series of closely related series of data.



# TYPES OF CHARTS

## 4. PIE CHART:

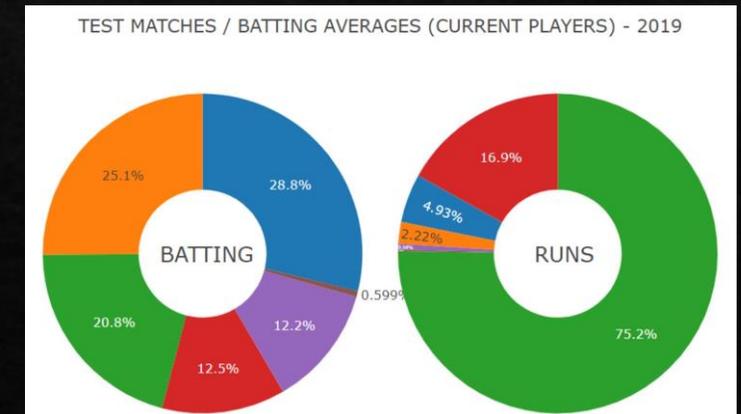
It is a circular graph used to illustrate numerical proportions in a dataset. This graph is usually divided into various sectors, where each sector represents the proportion of a particular numerical element in the set.



Hamiltonstone / CC BY-SA (<https://creativecommons.org/licenses/by-sa/3.0>)

## 5. DOUGHNUT CHART:

It is a pie chart with a blank circular area in the center. The chart is divided into parts that show the percentage each value contributes to a total. Doughnut charts provide a better data intensity ratio to standard pie charts since the blank center can be used to display additional, related data.

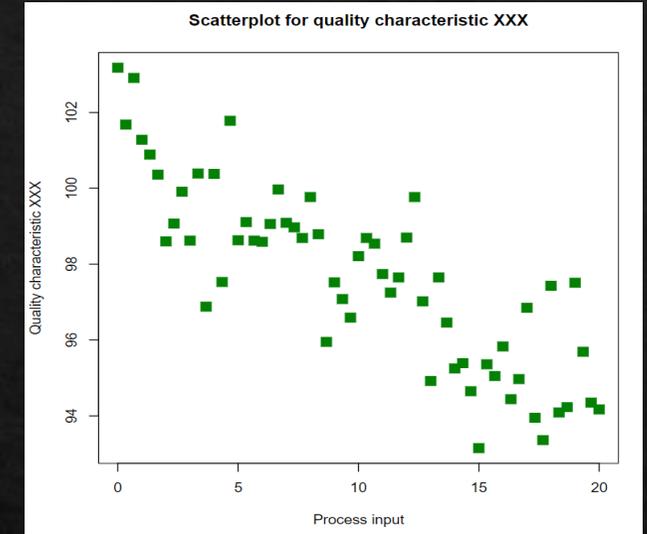


Mamtapawar512 / CC BY-SA (<https://creativecommons.org/licenses/by-sa/4.0>)

# TYPES OF CHARTS

## 6. SCATTER PLOT:

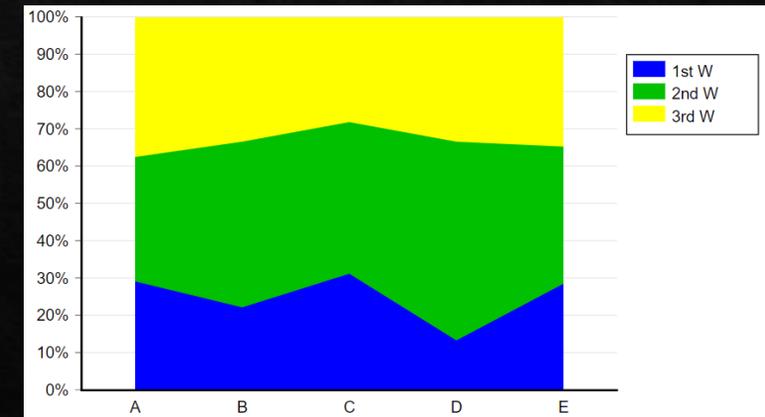
It is excellent for showing the relationship between two data series and determining their correlation. The scatterplot is great for showing what a distribution of data points looks like and for drawing a line of best fit for regression analysis.



DanielPenfield / CC BY-SA  
(<https://creativecommons.org/licenses/by-sa/3.0>)

## 7. AREA CHART:

It is a solid area and can be effective when showing stacked, cumulative data series – for example, showing the cumulative sales revenue from different products. This allows the reader to easily visualize the “area” (or weight) of each series relative to each other.



Innesw / CC BY-SA  
(<https://creativecommons.org/licenses/by-sa/3.0>)

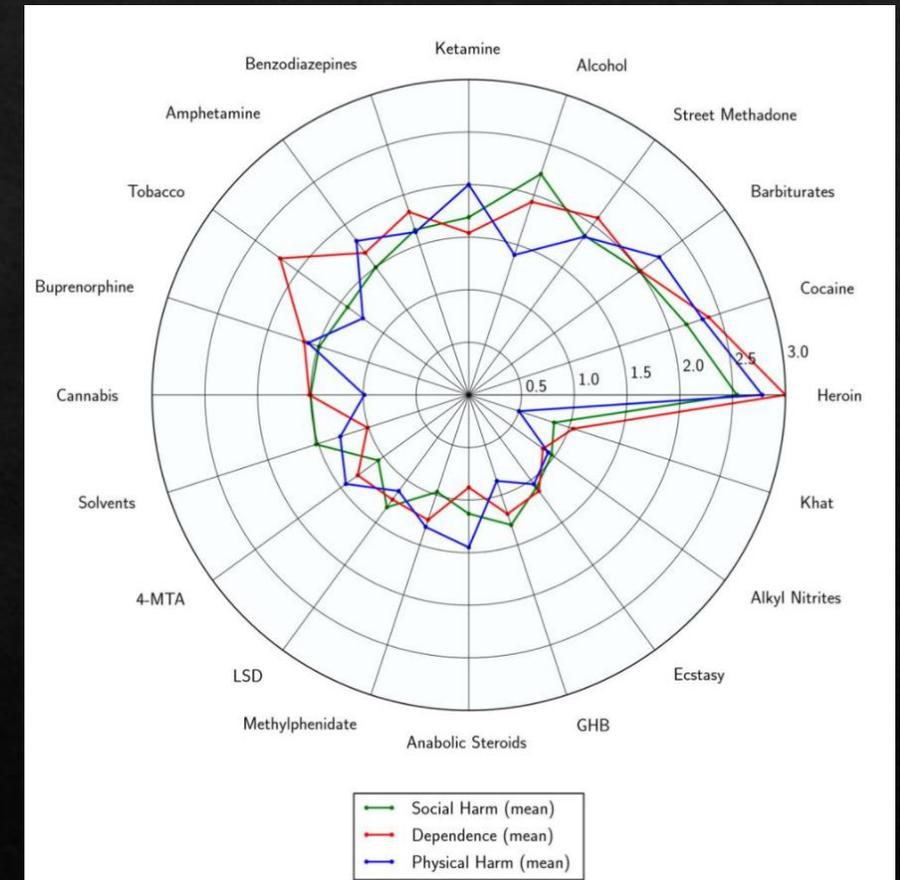
# TYPES OF CHARTS

## 8. SPIDER OR RADAR GRAPH:

It is a very useful type of graph for showing qualitative data or the overall “score” or comparison of multiple series. The chart usually consists of a series of radii, each representing a different category, that splay out from a center point like spokes.

For example, a spider/radar can be easily used to compare three different types of phones based on five criteria (speed, screen size, camera quality, memory, apps).

Rational harm assessment of drugs radar plot



# ONLINE TOOLS/SOFTWARE FOR CREATING CHART

◇ amCharts



◇ Visme



◇ Tableau



◇ Power BI



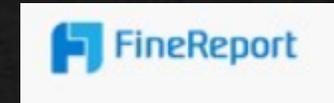
◇ Datawrapper



◇ Grow



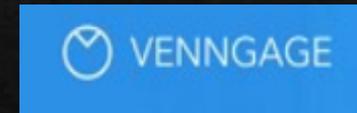
◇ FineReport



◇ QlikView



◇ Venngage



◇ RAWGraphs



◇ ChartBlocks



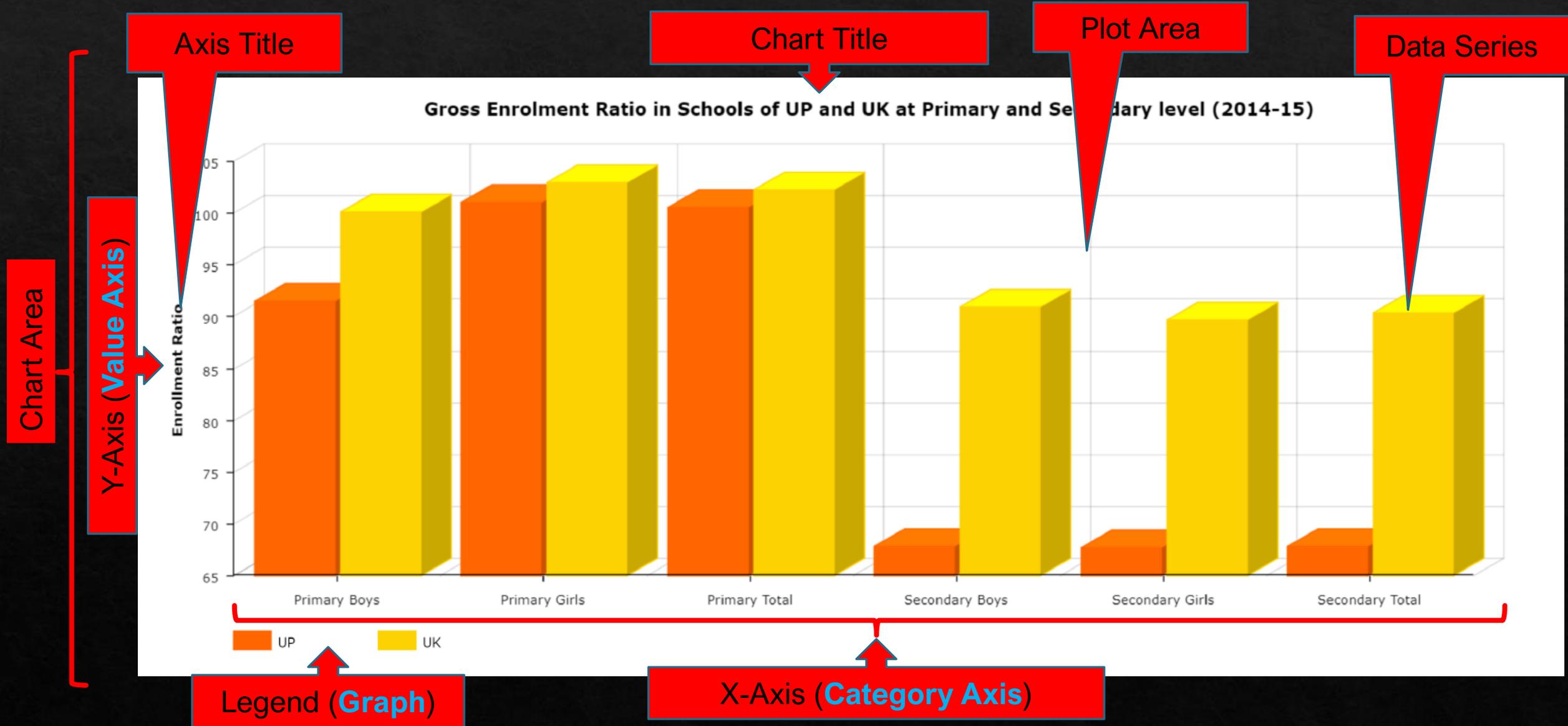
# ABOUT- AMCHARTS

- ◇ amCharts is a company based in Lithuania.
- ◇ First version of amCharts was created in 2004 by **Antanas Marcelionis**.

## USES- AMCHARTS

- ◇ Data visualization tool
- ◇ **live.amCharts** : Online chart editor ( Free)
- ◇ **Create**, configure, edit data, export, import, save, share in a single interface in a user-friendly way.

# COMPONENT OF A CHART



live.amcharts

Type on URL bar-  
live.amcharts



live.amcharts



Sign in

All Shopping Videos Images News More Settings Tools

About 47,20,000 results (0.24 seconds)

live.amcharts.com

AmCharts Live Editor

Click on  
this

amCharts live editor: create, configure, tweak, edit data, export, import, save, share in a single interface, the user-friendly way.

Online Chart Maker | amCharts

amCharts live editor: create, configure, tweak, edit data ...

Demo

JavaScript chart by amCharts  
3.21.15 undefined Aug Sep Oct  
Nov ...

More results from amcharts.com »

www.amcharts.com › demos › live-data

Live data - amCharts

Live data. Demo source. JavaScript TypeScript / ES6 ... <!-- Styles --> <style> ... Resources --> <script src="https://cdn.amcharts.com/lib/4/core.js"></script> ...

www.amcharts.com

amCharts: JavaScript Charts & Maps

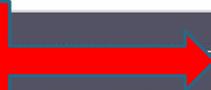
Is it a video? No. It's live amCharts 4 with no other. libraries used. So I can do the same? Yes, and even better.

www.amcharts.com › live-editor

JavaScript Charts Visual Editor is now live - amCharts



Click on Sign-in



Sign In

# Live Editor - Make your charts online

Charts created **156460** and counting!



Make a **Chart**

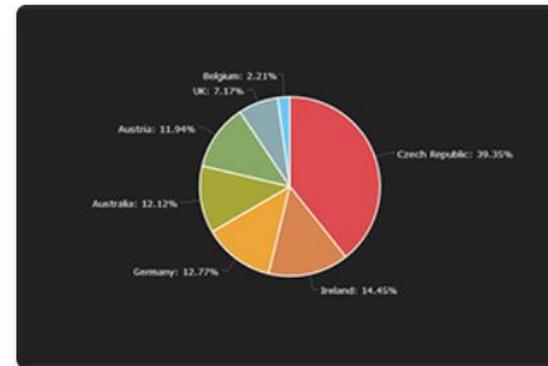
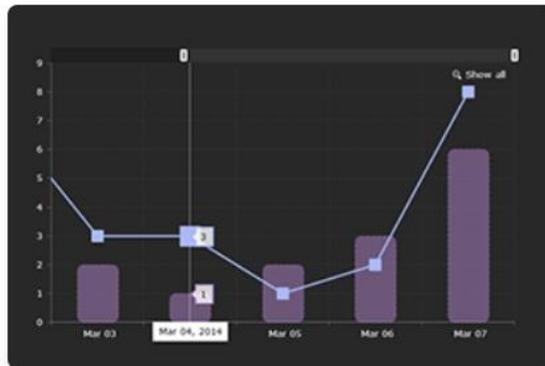
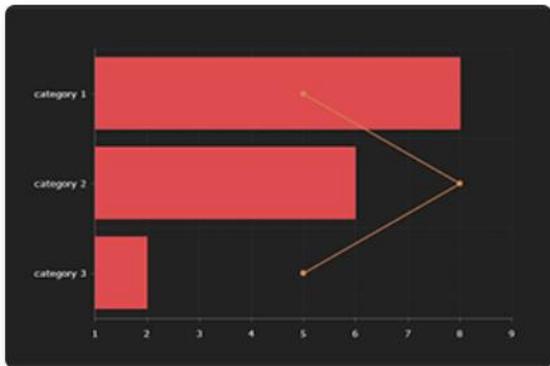


Need a map?  
Try **Pixel Map Generator**

## MORE TEMPLATES TO START FROM

Like 632

Tweet



If you are a new user then either you can **register a new account** or you can directly **sign in** by using your google account.

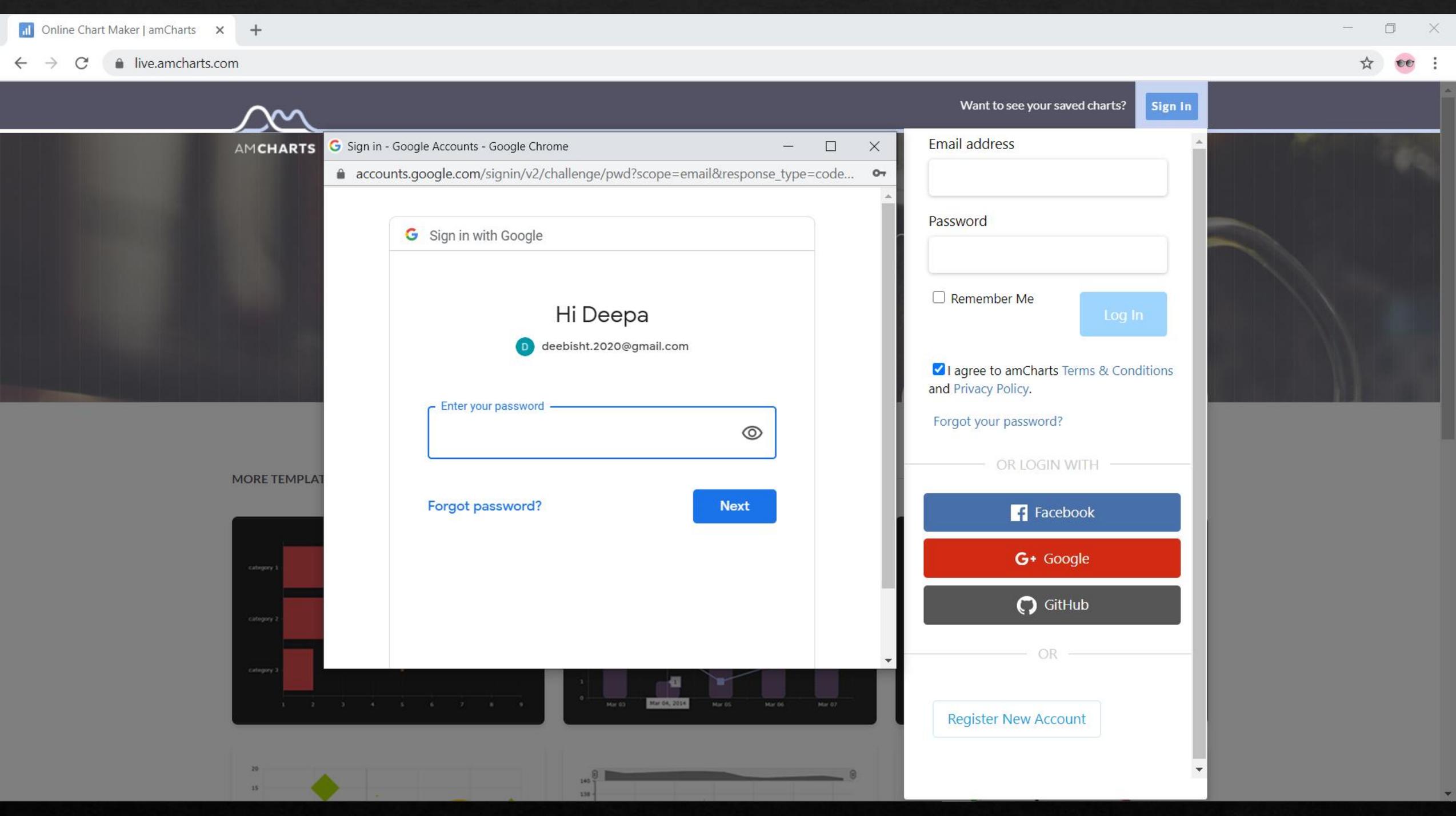
The screenshot shows the amCharts website interface. At the top, there is a navigation bar with the amCharts logo and a "Sign In" button. Below the navigation bar, the main content area features a "Live Editor - Make your chart" section with a "Make a Chart" button. A modal window is open over the main content, displaying a login form. The form includes fields for "Email address" and "Password", a "Remember Me" checkbox, and a "Log In" button. Below the login form, there is a section for "OR LOGIN WITH" with buttons for "Facebook", "Google", and "GitHub". A red arrow points to the "Google" button. Below this section, there is a "Register New Account" button, also highlighted with a red arrow. The background of the website shows various chart templates under the heading "MORE TEMPLATES TO START FROM".

# Sign in using Google Account

The image shows a browser window at `live.amcharts.com`. The page features the amCharts logo and a 'Live Editor - Make your chart' banner. A statistics counter shows 'Charts created 156460 and counting!'. A 'Sign In' button is visible in the top right. A modal form is open, containing the following elements:

- Input fields for 'Email address' and 'Password'.
- A 'Remember Me' checkbox.
- A 'Log In' button.
- A checked checkbox for 'I agree to amCharts Terms & Conditions and Privacy Policy'.
- A 'Forgot your password?' link.
- A section titled 'OR LOGIN WITH' containing buttons for Facebook, Google, and GitHub.
- A 'Register New Account' button at the bottom.

Two red callout boxes are present: one pointing to the 'I agree to amCharts Terms & Conditions and Privacy Policy' checkbox with the text 'Check this box', and another pointing to the 'G+ Google' button with the text 'Click this'.



Sign in - Google Accounts - Google Chrome

accounts.google.com/signin/v2/challenge/pwd?scope=email&response\_type=code...

Sign in with Google

Hi Deepa

deebisht.2020@gmail.com

Enter your password

Forgot password? [Next](#)

Email address

Password

Remember Me [Log In](#)

I agree to amCharts Terms & Conditions and Privacy Policy.

[Forgot your password?](#)

OR LOGIN WITH

[Facebook](#)

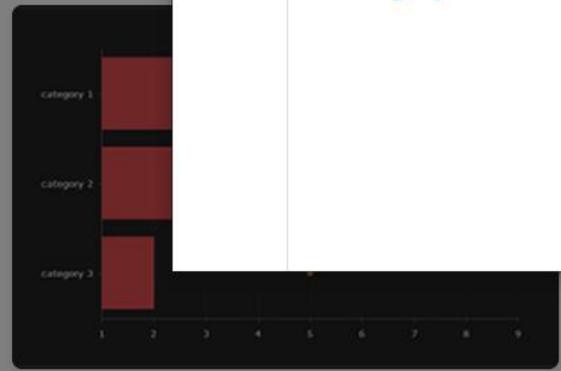
[Google](#)

[GitHub](#)

OR

[Register New Account](#)

MORE TEMPLAT





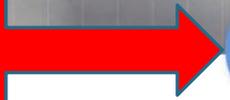
**LET'S GO FOR  
THE  
DEMOMSTRATION**



# Live Editor - Make your charts online

Charts created **1 5 6 4 6 0** and counting!

**Click this to create a new chart**



 **Make a Chart**



Need a map?  
Try **Pixel Map Generator**

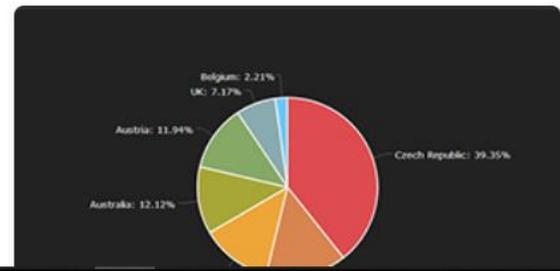
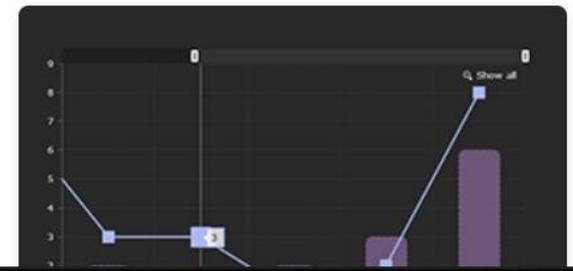
My saved charts (0)

No saved charts have been found yet, feel free to start with one of our templates.

MORE TEMPLATES TO START FROM

 Like 632

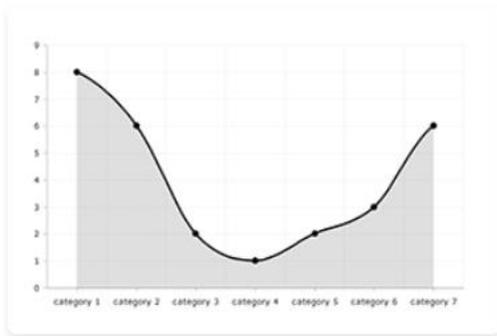
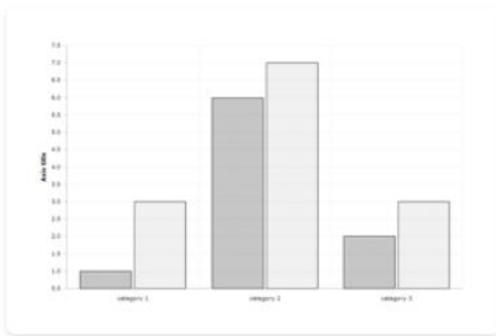
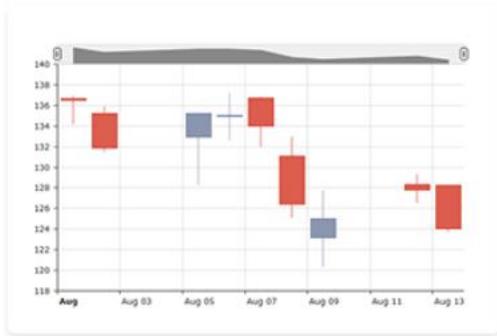
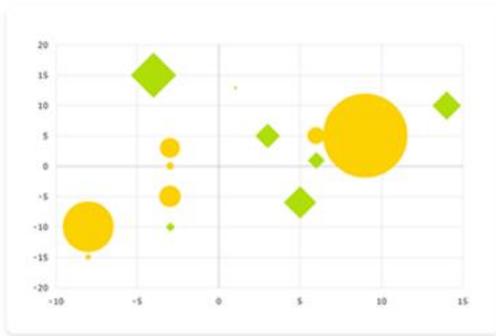
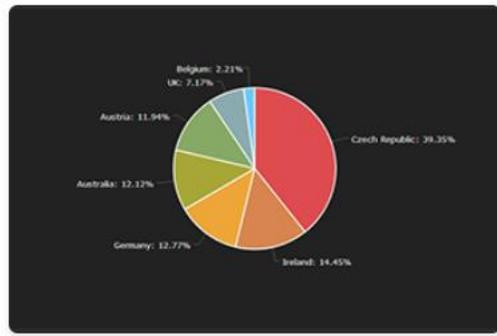
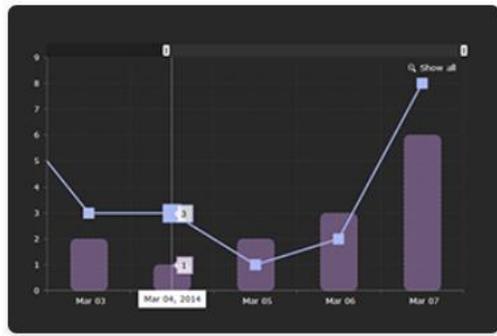
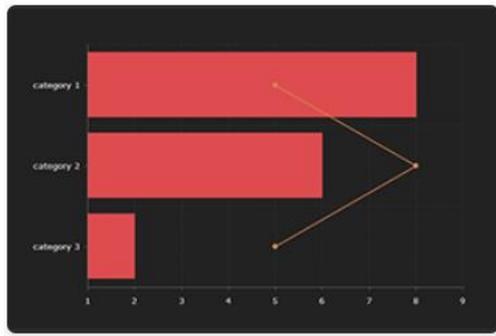
 Tweet



No saved charts have been found. You need to create at least one of our templates.

MORE TEMPLATES TO START FROM

Like 632 Tweet



# PREDEFINED CHART TEMPLATES

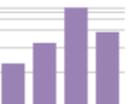
Online Chart Maker | amCharts x +

live.amcharts.com/new/

LIVE EDITOR <sup>®</sup> Save Save Draft Fork New Publish & Share deebisht.2020@gmail.com AMCHARTS.COM

My saved charts 0

- Column
- Bar
- Line
- Area
- Pie & Donut
- XY/Scatter/Bubble
- Other chart types

 clustered	 stacked	 100% stacked	 clustered and stacked	 3D clustered
 3D stacked	 3D 100% stacked	 3D column	 column and line	 jan feb mar apr date based data
 column with scroll	 floating columns	 two value axes	 using custom colors	 logarithmic scale

Import

# PREDEFINED CHART TEMPLATES

My saved charts 0

- Column
- Bar
- Line
- Area
- Pie & Donut
- XY/Scatter/Bubble
- Other chart types

clustered	stacked	100% stacked	clustered and stacked	3D clustered
3D stacked	3D 100% stacked	3D bar	bar and line	bar with scroll
two value axes	floating bars	dashed stroke	logarithmic scale	bar with guide

My saved charts 0

- Column
- Bar
- Line
- Area
- Pie & Donut
- XY/Scatter/Bubble
- Other chart types

line	stacked line	100% stacked line	rotated line	date series, daily
date series, monthly	date series, yearly	time series, hourly	time series, minutes	time series, seconds
smoothed line	step line	step no risers		

My saved charts 0

- Column
- Bar
- Line
- Area
- Pie & Donut
- XY/Scatter/Bubble
- Other chart types

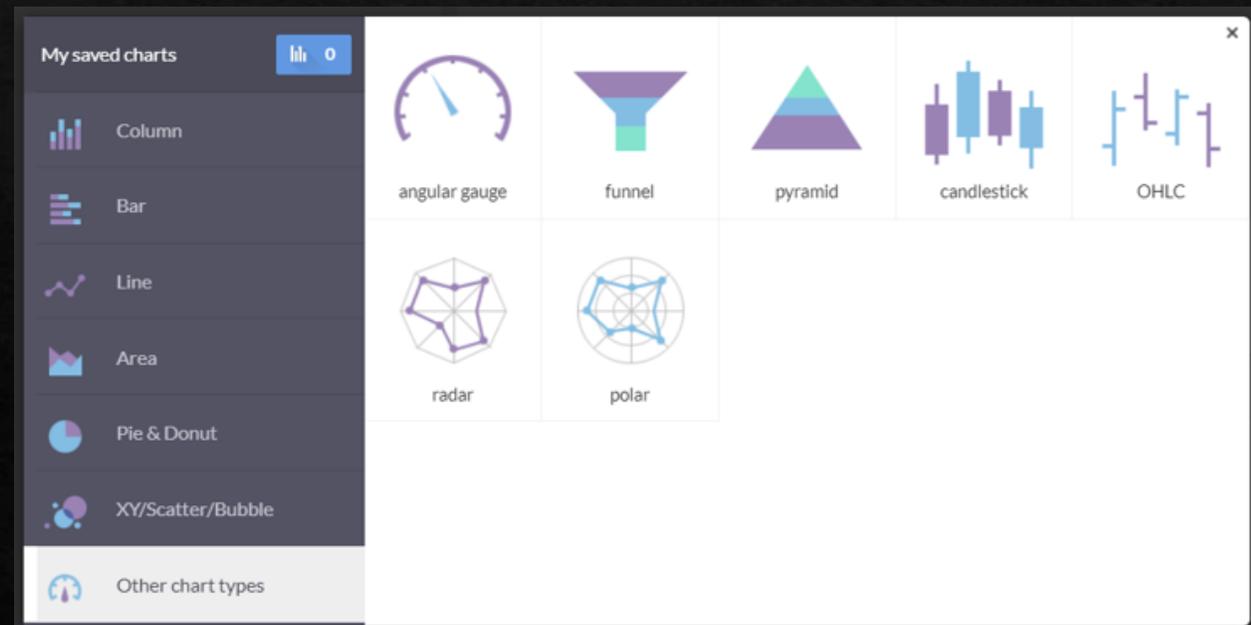
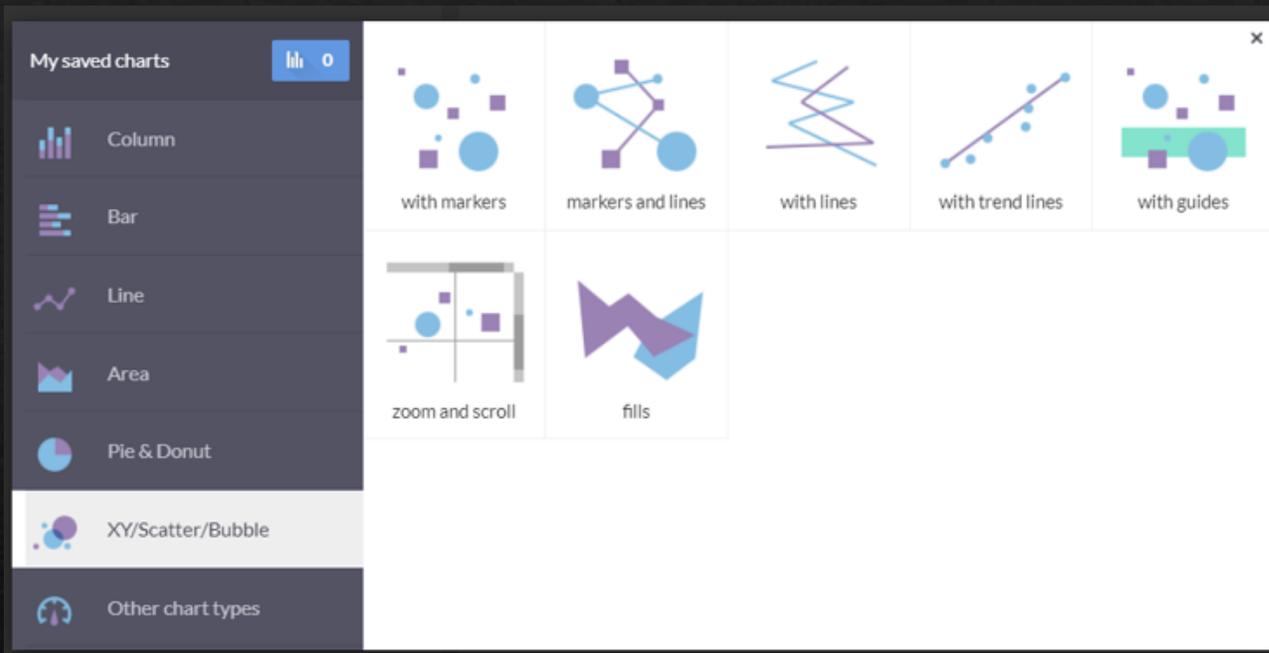
area	stacked area	100% stacked area	rotated area	date series, daily
date series, monthly	date series, yearly	time series, hourly	time series, minutes	time series, seconds

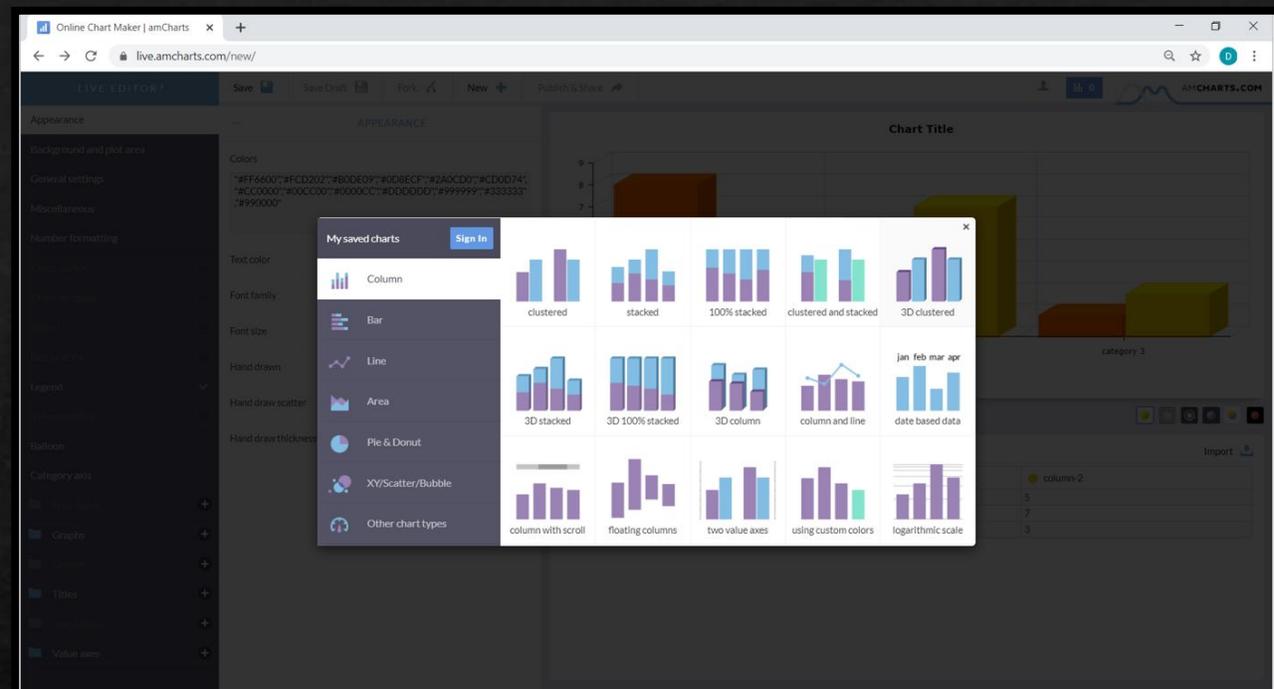
My saved charts 0

- Column
- Bar
- Line
- Area
- Pie & Donut
- XY/Scatter/Bubble
- Other chart types

pie	3D pie	donut	3D donut

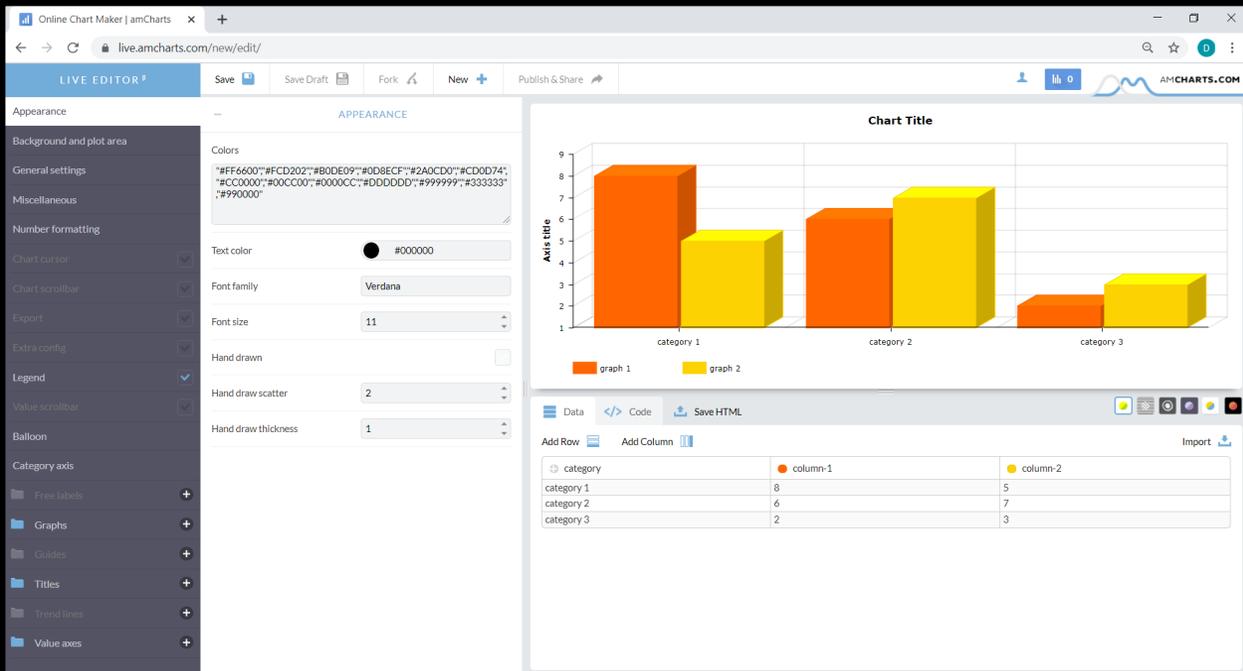
# PREDEFINED CHART TEMPLATES





Click on the type of chart you want to prepare and then choose the specific chart.

## COLUMN CHART- 3- D Clustered



Click this to save the chart for the first time

- Appearance
- Background and plot area
- General settings
- Miscellaneous
- Number formatting
- Chart cursor
- Chart scrollbar
- Export
- Extra config
- Legend
- Value scrollbar
- Balloon
- Category axis
  - Free labels
  - Graphs
  - Guides
  - Titles
  - Trend lines
  - Value axes

Colors

```
"#FF6600","#FCD202","#B0DE09","#0D8ECF","#2A0CD0","#CD0D74",  
"#CC0000","#00CC00","#0000CC","#DDDDDD","#999999","#333333",  
"#990000"
```

Text color: #000000

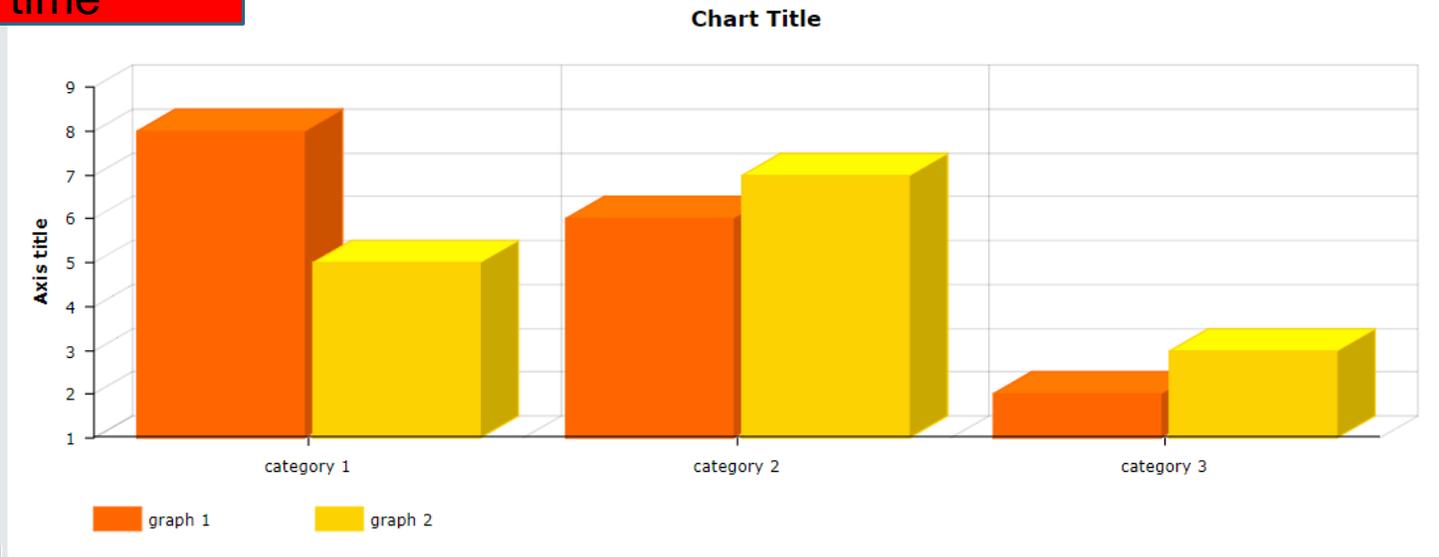
Font family: Verdana

Font size: 11

Hand drawn:

Hand draw scatter: 2

Hand draw thickness: 1



Data | Code | Save HTML

Add Row | Add Column | Import

category	column-1	column-2
category 1	8	5
category 2	6	7
category 3	2	3

# SAVING CHART

The screenshot shows the 'Online Chart Maker | amCharts' interface. The browser address bar displays 'live.amcharts.com/new/edit/'. The main workspace contains a 3D bar chart titled 'Chart Title' with three bars of varying heights. A 'Save Chart' dialog box is open in the center, containing the following fields and options:

- Title:** 'Gross Enrolment Ratio in Schools- Prim...' (with a red annotation: 'Type title of the chart')
- Description:** An empty text area (with a red annotation: 'Give description (optional)')
- Public:** A checked checkbox (with a red annotation: 'Tick to make it public')
- Save:** A blue button at the bottom right.

The background interface includes a 'LIVE EDITOR' header, navigation buttons (Save, Save Draft, Fork, New, Publish & Share), and a sidebar with various chart configuration categories like Appearance, Legend, and Category axis.

Category	column-1	column-2
category 1	8	5
category 2	6	7
category 3	2	3

# Important Options

The screenshot displays the amCharts Online Chart Maker interface. The top navigation bar includes buttons for Save, Save Draft, Fork, New, and Publish & Share, which are highlighted with red boxes. Red arrows point from callout boxes to these buttons. The main area shows a 3D bar chart titled "Gross Enrolment Ratio in Schools of UP and UK at Primary and Secondary level (2014-15)". The chart compares the enrolment ratio for UP (orange) and UK (yellow) across six categories: Primary Boys, Primary Girls, Primary Total, Secondary Boys, Secondary Girls, and Secondary Total. Below the chart is a data table with columns for category, UP, and UK.

category	UP	UK
Primary Boys	91.54	100.11
Primary Girls	101.02	102.91
Primary Total	100.54	102.33
Secondary Boys	67.85	90.99
Secondary Girls	67.73	89.65
Secondary Total	67.79	90.35

- LIVE EDITOR P
- Save
- Save Draft
- Fork
- New +
- Publish & Share
- Appearance
- Background and plot area
- General settings
- Miscellaneous
- Number formatting
- Chart cursor
- Chart scrollbar
- Export
- Extra config
- Legend
- Value scrollbar
- Balloon
- Category axis
  - Free labels
  - Graphs
  - Guides
  - Titles
  - Trend lines
  - Value axes

### APPEARANCE

Colors

```
"#FF6600";#FCD202";#B0DE09";#0D8ECF";#2A0CD0";#CD0D74";  
"#CC0000";#00CC00";#0000CC";#DDDDDD";#999999";#333333";  
"#990000"
```

Text color: #000000

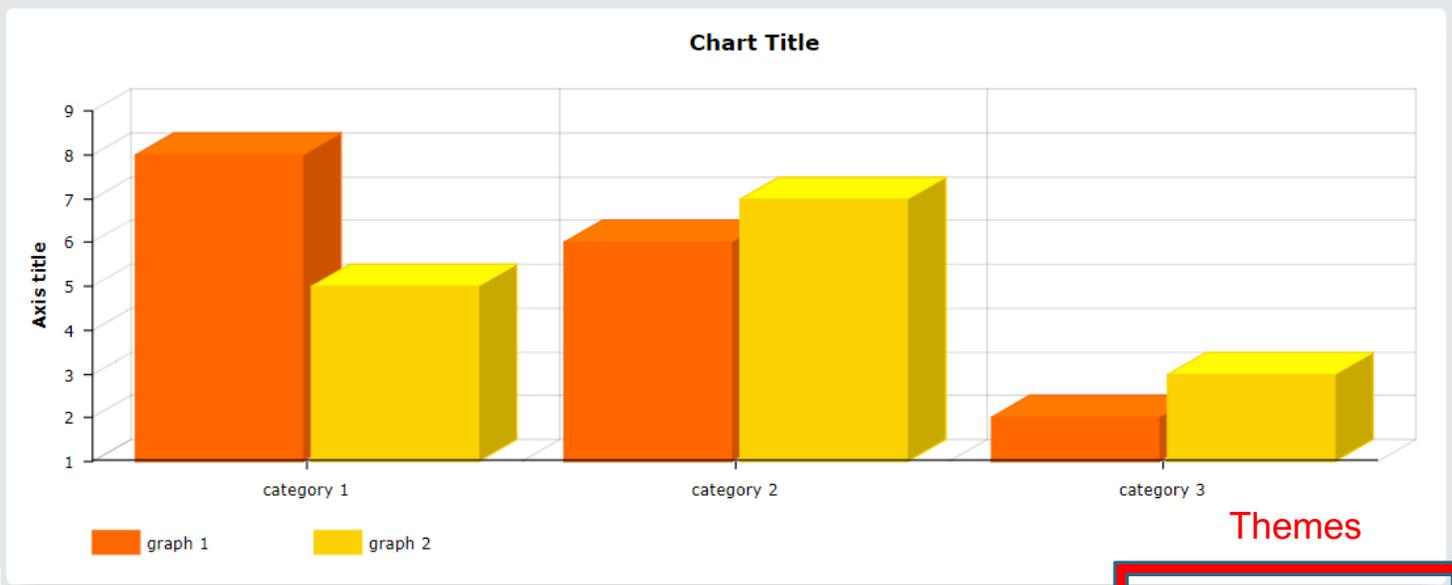
Font family: Verdana

Font size: 11

Hand drawn:

Hand draw scatter: 2

Hand draw thickness: 1

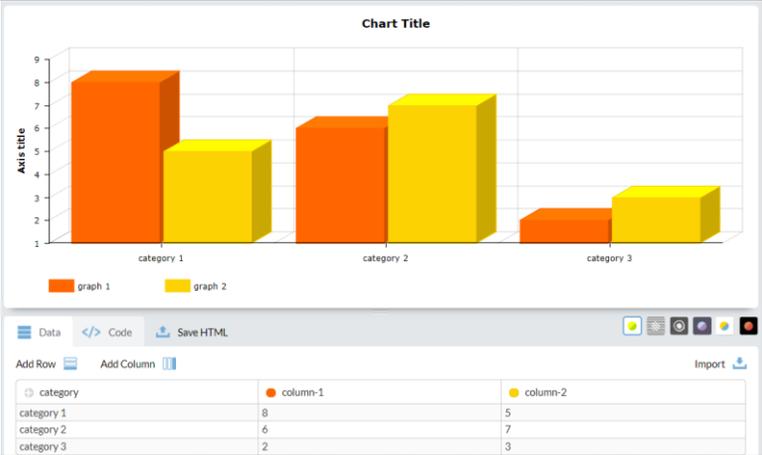


Data Code Save HTML

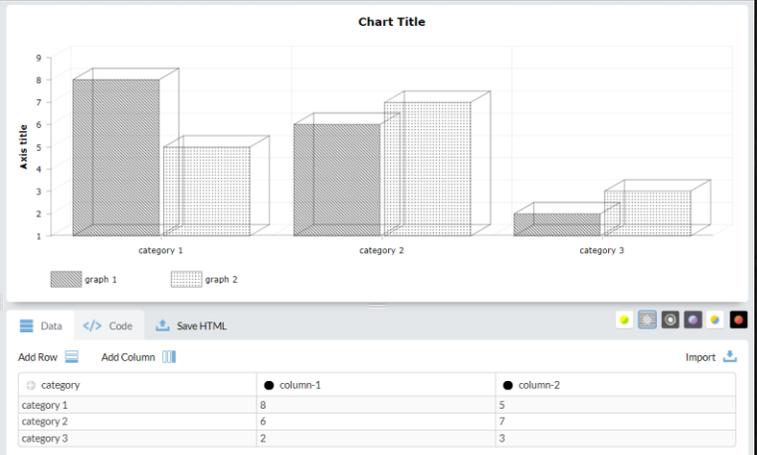
Add Row Add Column Import

category	column-1	column-2
category 1	8	5
category 2	6	7
category 3	2	3

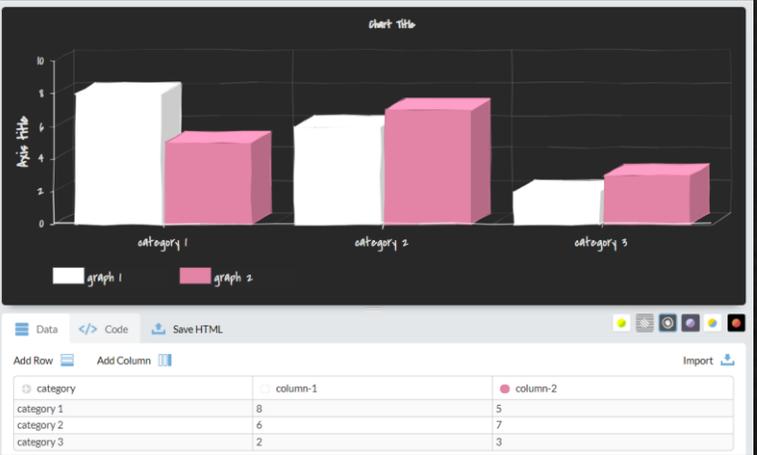
# THEMES



Default Theme



Patterns Theme



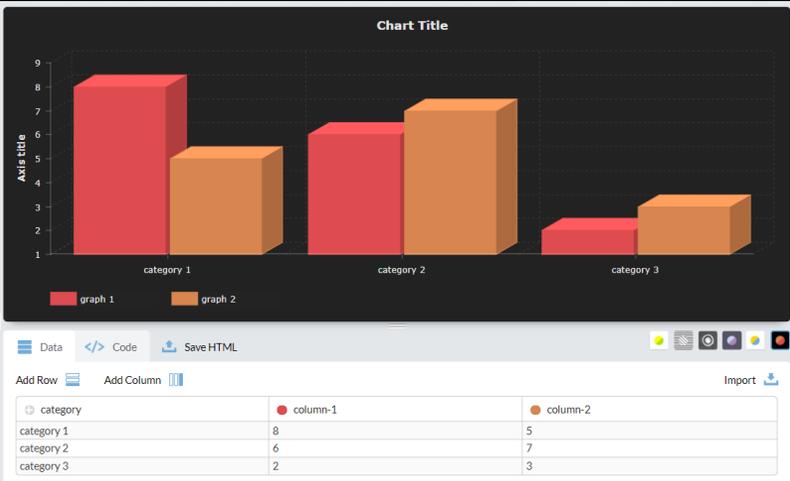
Chalk Theme



Dark Theme



Light Theme



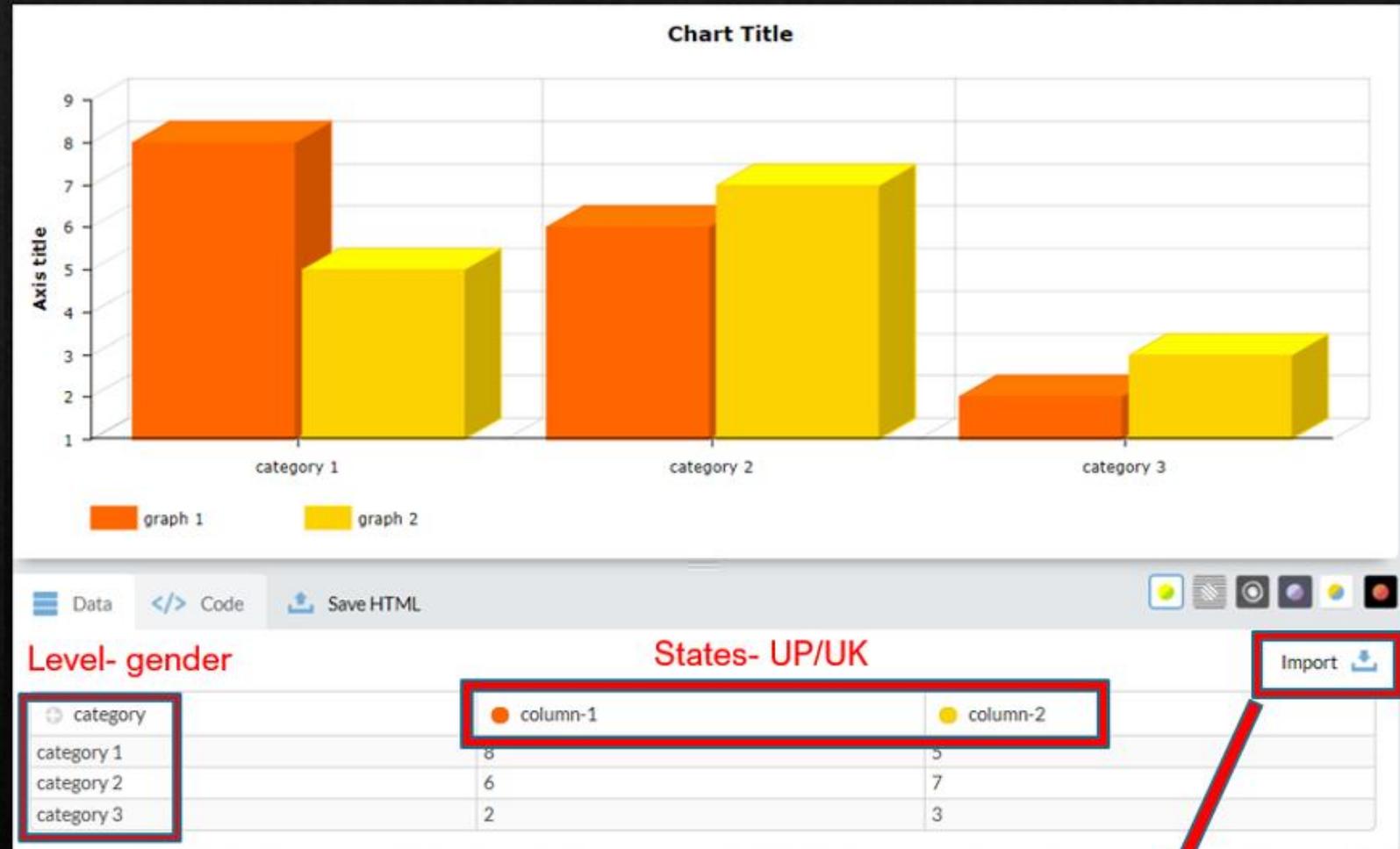
Dark Theme

# DATA ENTRY

Gross Enrolment Ratio in Schools- Primary and Secondary level (UP and Uttarakhand) (2014-15)

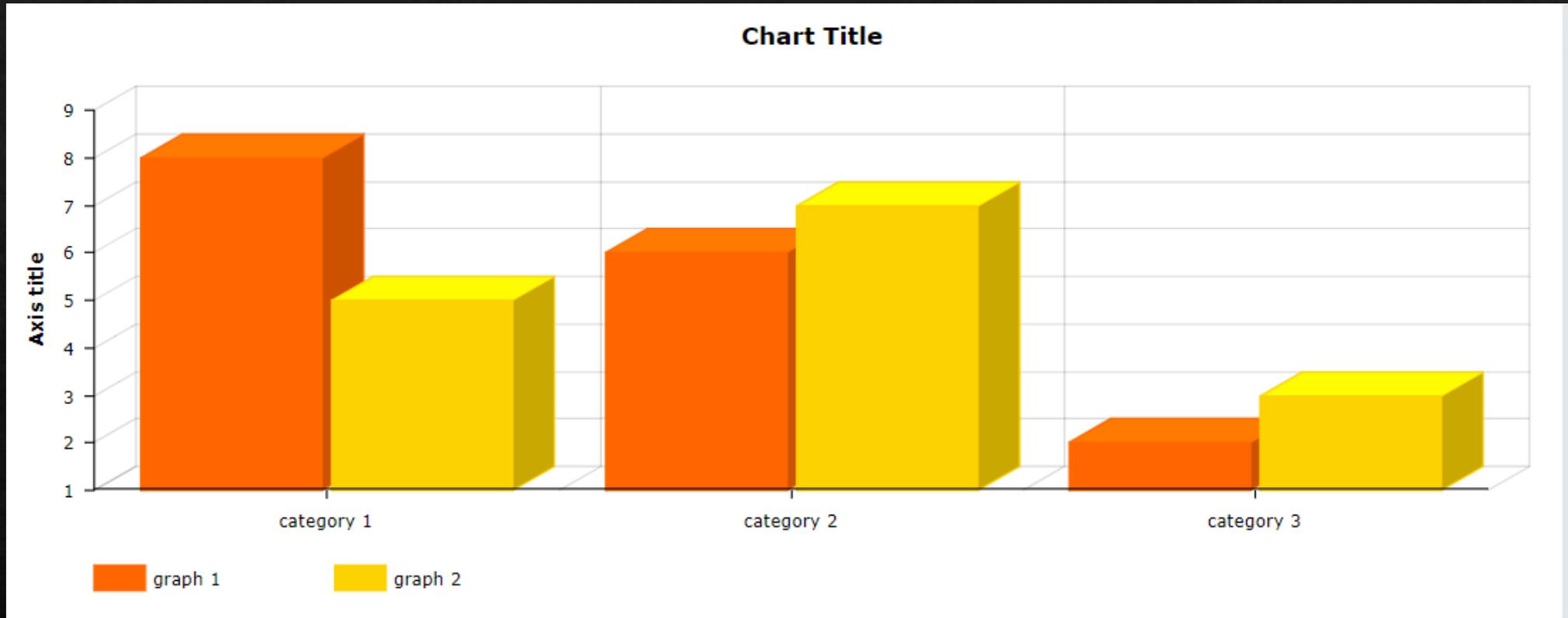
2014-15	Primary Boys	Primary Girls	Primary Total	Secondary Boys	Secondary Girls	Secondary Total
UP	91.54	101.02	100.54	67.85	67.73	67.79
Uttarakhand	100.11	102.91	102.33	90.99	89.65	90.35

1. Manually enter the data



2. Import CSV/Excel files and edit your data there in the same interface.

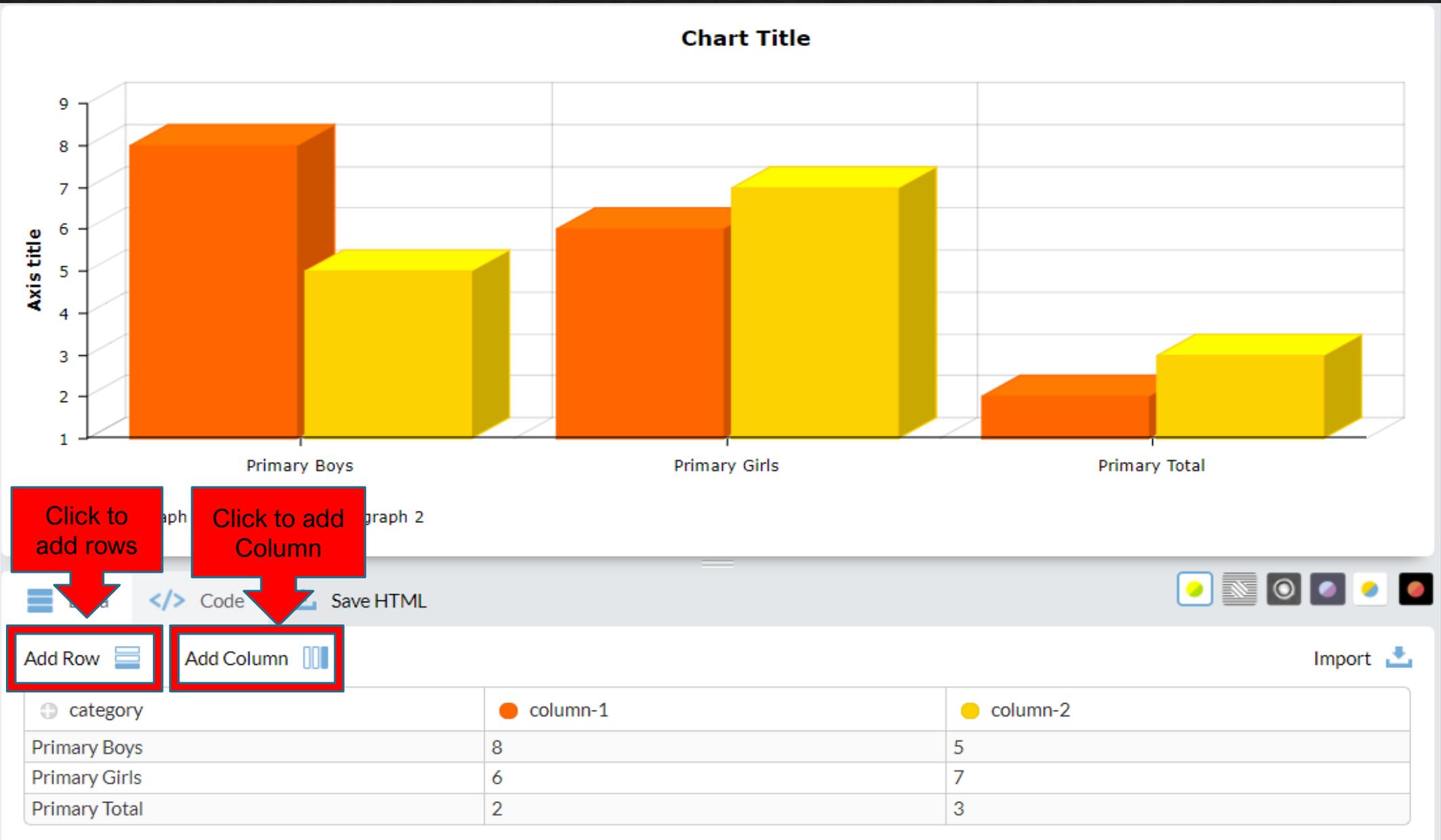
# CHANGING CATEGORY NAMES



Click and rename

category	column-1	column-2
category 1	8	5
category 2	6	7
category 3	2	3

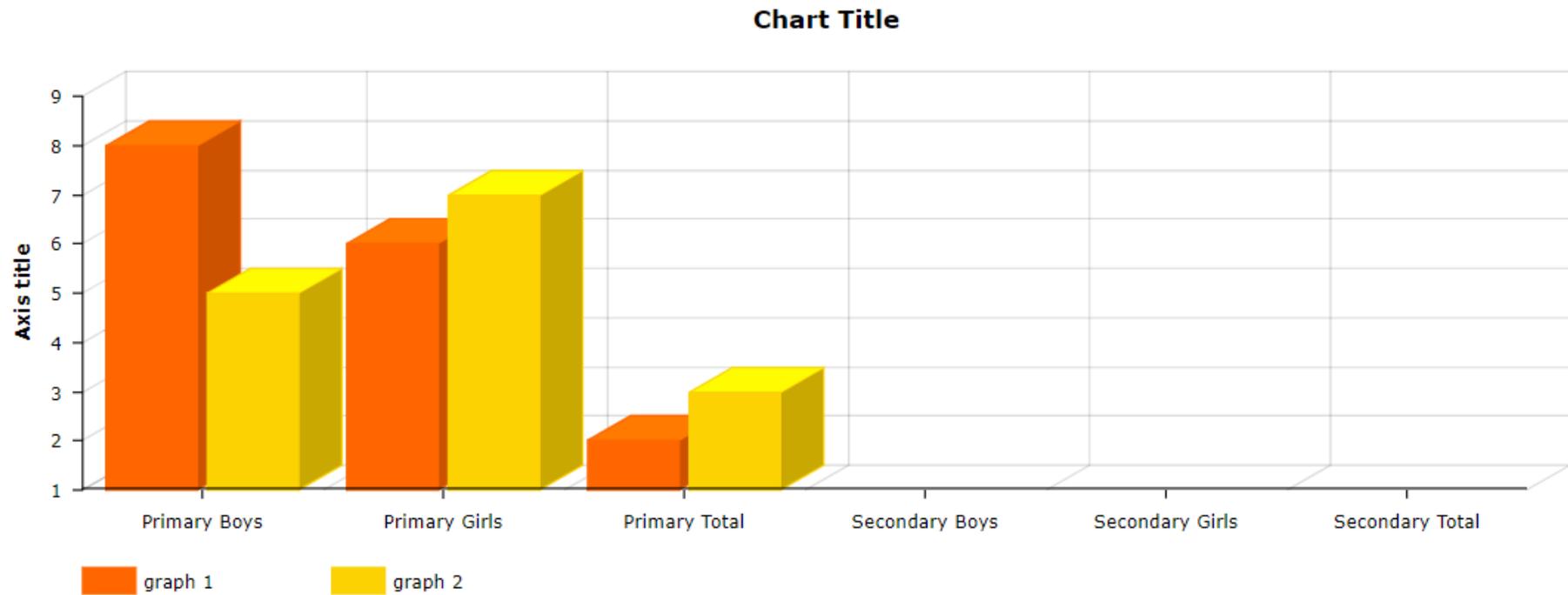
# ADDING ROWS AND COLUMNS



# CHANGING COLUMN NAMES



# CHANGING COLUMN NAMES



Data Code Save HTML

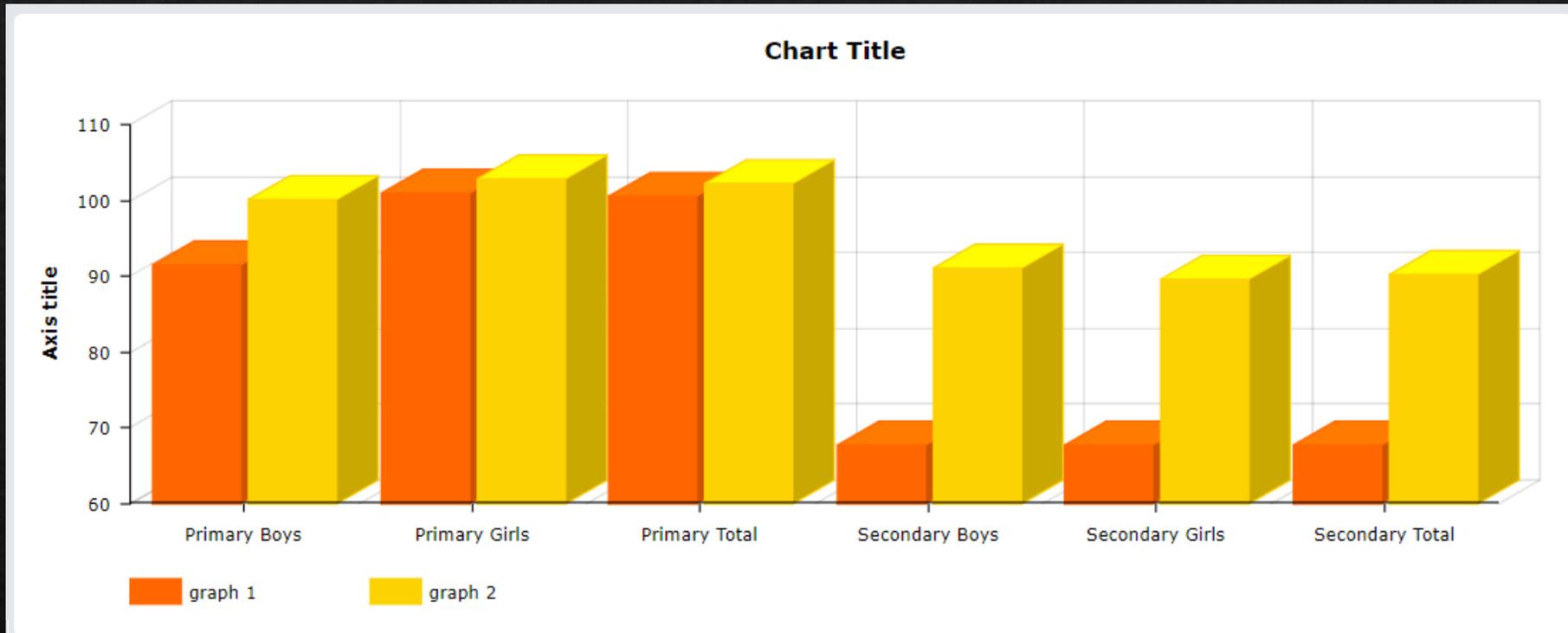


Add Row Add Column

Import

category	UP	UK
Primary Boys	8	5
Primary Girls	6	7
Primary Total	2	3
Secondary Boys		
Secondary Girls		
Secondary Total		

# ENTERING THE COMPLETE DATA



Data

Code

Save HTML



Add Row



Add Column



Import



category	UP	UK
Primary Boys	91.54	100.11
Primary Girls	101.02	102.91
Primary Total	100.54	102.33
Secondary Boys	67.85	90.99
Secondary Girls	67.73	89.65
Secondary Total	67.79	90.35

# CHANGING THE CHART TITLE

Online Chart Maker | amCharts

live.amcharts.com/c1MTM/edit/draft/

LIVE EDITOR

Save Save Draft Fork New Publish & Share

AMCHARTS.COM

Chart Title

graph 1 of Primary Boys:91.54

graph 1 graph 2

Data Code Save HTML

Add Row Add Column Import

category	UP	UK
Primary Boys	91.54	100.11
Primary Girls	101.02	102.91
Primary Total	100.54	102.33
Secondary Boys	67.85	90.99
Secondary Girls	67.73	89.65
Secondary Total	67.79	90.35

Free labels +

Graphs +

Guides +

Titles +

Title-1 x

Trend lines +

Value axes +

Go to titles & click on title-1

# CHANGING THE CHART TITLE

The screenshot shows the amCharts online chart editor interface. On the left is a sidebar with various settings categories. The 'Titles' category is highlighted with a red box, and 'Title-1' is selected. The main workspace shows a 3D bar chart with the title 'Chart Title'. A red box and arrow point to the 'Chart Title' text field in the settings panel, with the instruction 'Click and rename'. Below the chart is a data table with columns for 'category', 'UP', and 'UK'.

category	UP	UK
Primary Boys	91.54	100.11
Primary Girls	101.02	102.91
Primary Total	100.54	102.33
Secondary Boys	67.85	90.99
Secondary Girls	67.73	89.65
Secondary Total	67.79	90.35

# CHANGING THE CHART TITLE

The screenshot shows the amCharts online editor interface. On the left is a sidebar with various settings categories. The main area displays a 3D bar chart with the title "Gross Enrolment Ratio in Schools of UP and UK at Primary and Secondary level (2014-15)". The chart compares two series: "graph 1" (orange) and "graph 2" (yellow) across six categories: Primary Boys, Primary Girls, Primary Total, Secondary Boys, Secondary Girls, and Secondary Total. Below the chart is a data table. Two red arrows with the text "Changed chart title" point to the "Title-1" input field in the settings and the chart's main title.

category	UP	UK
Primary Boys	91.54	100.11
Primary Girls	101.02	102.91
Primary Total	100.54	102.33
Secondary Boys	67.85	90.99
Secondary Girls	67.73	89.65
Secondary Total	67.79	90.35

# CHANGING THE AXIS TITLE

Online Chart Maker | amCharts

live.amcharts.com/c1MTM/edit/draft/

LIVE EDITOR

Save Save Draft Fork New Publish & Share

AMCHARTS.COM

GENERAL SETTINGS

Axis title offset: 10

Id: ValueAxis-1

Position: left

Stack type: Select an Option

Type:  Numeric  Date

Auto grid count:

Ignore axis width:

Offset: 0

Title:

Title bold:

Title color:

Title font size:

Title rotation:

Value axes: ValueAxis-1

**Click and rename**

**Go to value axis & click on value axis-1**

### Gross Enrolment Ratio in Schools of UP and UK at Primary and Secondary level (2014-15)

category	UP	UK
Primary Boys	91.54	100.11
Primary Girls	101.02	102.91
Primary Total	100.54	102.33
Secondary Boys	67.85	90.99
Secondary Girls	67.73	89.65
Secondary Total	67.79	90.35

Data Code Save HTML

Add Row Add Column Import

# CHANGING THE AXIS TITLE

The screenshot shows the amCharts online editor interface. The chart is a 3D grouped bar chart titled "Gross Enrolment Ratio in Schools of UP and UK at Primary and Secondary level (2014-15)". The y-axis is labeled "Enrollment Ratio". The x-axis categories are "Primary Boys", "Primary Girls", "Primary Total", "Secondary Boys", "Secondary Girls", and "Secondary Total". The legend indicates "graph 1" (orange) for UP and "graph 2" (yellow) for UK.

In the "GENERAL SETTINGS" panel, the "Title" field is set to "Enrollment Ratio". A red arrow points from the text "Changed axis title" to this field. Another red arrow points from the text "Changed axis title" to the y-axis label "Enrollment Ratio" on the chart.

category	UP	UK
Primary Boys	91.54	100.11
Primary Girls	101.02	102.91
Primary Total	100.54	102.33
Secondary Boys	67.85	90.99
Secondary Girls	67.73	89.65
Secondary Total	67.79	90.35

# CHANGING THE LEGEND NAME

The screenshot shows the amCharts online editor interface. On the left, a sidebar contains various settings categories, with 'Graphs' selected and 'AmGraph-1' highlighted. The main panel shows 'GENERAL SETTINGS' for a 3D bar chart titled 'Gross Enrolment Ratio in Schools of UP and UK at Primary and Secondary level (2014-15)'. The 'Title' field is set to 'graph 1'. Below the chart is a data table with columns for 'category', 'UP', and 'UK'. The 'AmGraph-1' legend item in the sidebar is highlighted with a red box, and the 'graph 1' text in the 'Title' field is also highlighted with a red box. A red arrow points from the text 'Click and rename' to the 'graph 1' text. Another red arrow points from the text 'Go to Graphs & click on AmGraph-1' to the 'AmGraph-1' legend item.

category	UP	UK
Primary Boys	91.54	100.11
Primary Girls	101.02	102.91
Primary Total	100.54	102.33
Secondary Boys	67.85	90.99
Secondary Girls	67.73	89.65
Secondary Total	67.79	90.35

# CHANGING THE LEGEND NAME

The screenshot shows the AmCharts Online Chart Maker interface. The main chart is a 3D bar chart titled "Gross Enrolment Ratio in Schools of UP and UK at Primary and Secondary level (2014-15)". The Y-axis is labeled "Enrolment Ratio" and ranges from 60 to 110. The X-axis categories are Primary Boys, Primary Girls, Primary Total, Secondary Boys, Secondary Girls, and Secondary Total. The legend shows two series: "UP" (orange) and "graph 2" (yellow). The "UP" series is highlighted with a red box and a red arrow pointing to it from a red box labeled "Changed name".

The legend settings panel on the left shows the "Legend" section with the "Title" field set to "UP". A red box labeled "Changed name" points to this field.

category	UP	UK
Primary Boys	91.54	100.11
Primary Girls	101.02	102.91
Primary Total	100.54	102.33
Secondary Boys	67.85	90.99
Secondary Girls	67.73	89.65
Secondary Total	67.79	90.35

# CHANGING THE LEGEND NAME

The screenshot shows the AmCharts online chart maker interface. The chart is titled "Gross Enrolment Ratio in Schools of UP and UK at Primary and Secondary level (2014-15)". The legend shows two series: "UP" (orange) and "UK" (yellow). The "UK" legend item is highlighted with a red box and a red arrow pointing to it with the text "Changed name".

The "GENERAL SETTINGS" panel on the left shows the "Title" field containing "UK", which is also highlighted with a red box and a red arrow pointing to it with the text "Click and rename".

The "Legend" panel on the left shows "AmGraph-2" selected, with a red arrow pointing to it and the text "Go to Graphs & click on AmGraph-2".

category	UP	UK
Primary Boys	91.54	100.11
Primary Girls	101.02	102.91
Primary Total	100.54	102.33
Secondary Boys	67.85	90.99
Secondary Girls	67.73	89.65
Secondary Total	67.79	90.35

# EXPORTING THE GRAPH

Online Chart Maker | amCharts

live.amcharts.com/c1MTM/edit/draft/

LIVE EDITOR

Save Save Draft Fork New Publish & Share

Appearance

Background and plot area

General settings

Miscellaneous

Number formatting

Chart cursor

Chart scrollbar

**Export**

Extra config

Legend

Value scrollbar

Balloon

Category axis

Free labels

Graphs

Guides

Titles

Trend lines

Value axes

APPEARANCE

Colors

```
"#FF6600","#FCD202","#B0DE09","#0D8ECF","#2A0CD0","#CD0D74",  
"#CC0000","#00CC00","#0000CC","#DDDDDD","#999999","#333333",  
"#990000"
```

Text color #000000

Font family

Hand draw

Hand draw scatter 2

Hand draw thickness 1

### Gross Enrolment Ratio in Schools of UP and UK at Primary and Secondary level (2014-15)

Enrollment Ratio

Primary Boys Primary Girls Primary Total Secondary Boys Secondary Girls Secondary Total

UP UK

Data Code Save HTML

Add Row Add Column Import

category	UP	UK
Primary Boys	91.54	100.11
Primary Girls	101.02	102.91
Primary Total	100.54	102.33
Secondary Boys	67.85	90.99
Secondary Girls	67.73	89.65
Secondary Total	67.79	90.35

Check export option  
(if not active then tick  
the check box)

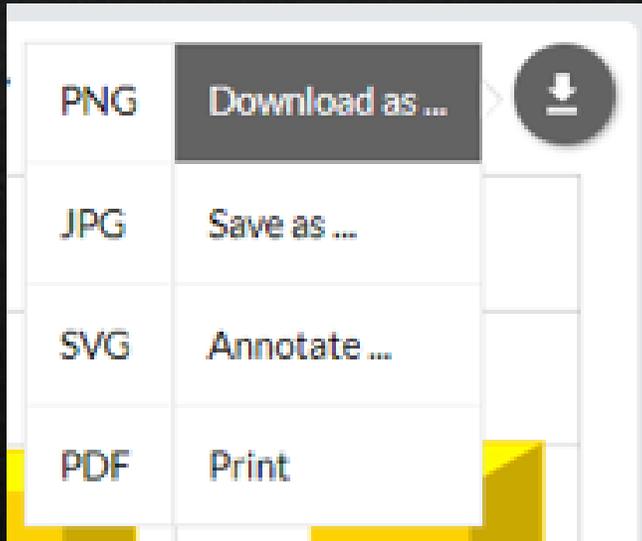
# EXPORTING THE GRAPH

The screenshot shows the amCharts Online Chart Maker interface. The main chart is a 3D bar chart titled "Gross Enrolment Ratio in Schools of UP and UK at Primary and Secondary level". The chart compares the enrolment ratio for UP (orange bars) and UK (yellow bars) across six categories: Primary Boys, Primary Girls, Primary Total, Secondary Boys, Secondary Girls, and Secondary Total. The Y-axis represents the "Enrolment Ratio" ranging from 90 to 110. A red callout box with a blue border contains the text: "Once you click 'Export'; at top right corner of the chart one download icon appears. Clicking on it you will find various options." A red arrow points from the callout box to a download icon (a circle with a downward arrow) located in the top right corner of the chart area. A context menu is open over this icon, listing the following options: "Download as ...", "Save as ...", "Annotate ...", and "Print".

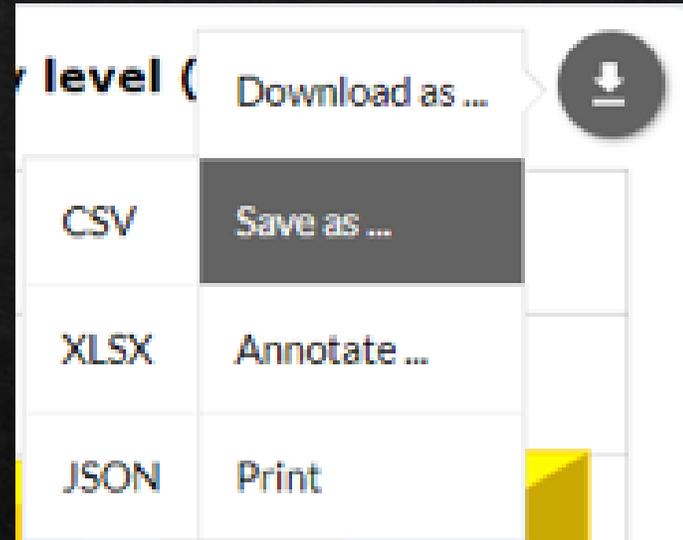
Below the chart is a data table with the following structure:

category	UP	UK
Primary Boys	91.54	100.11
Primary Girls	101.02	102.91
Primary Total	100.54	102.33
Secondary Boys	67.85	90.99
Secondary Girls	67.73	89.65
Secondary Total	67.79	90.35

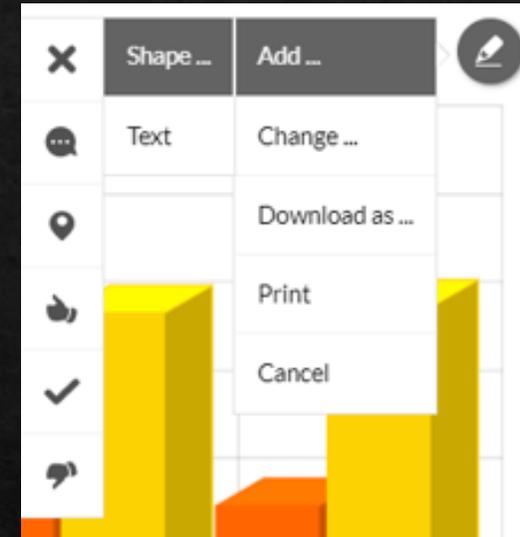
## DOWNLOAD, SAVE, ANNOTATE AND PRINT OPTIONS AVAILABLE



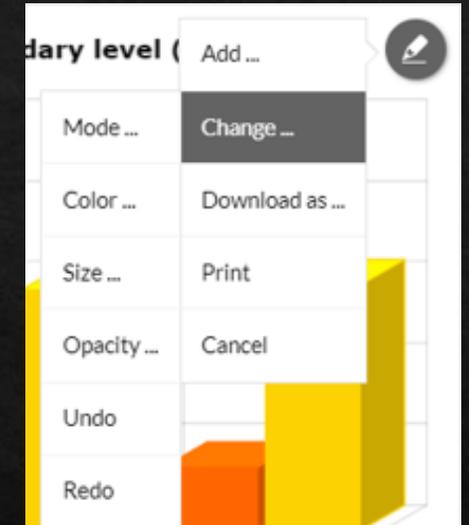
**DOWNLOAD**



**SAVE**



**ANNOTATE (shape)**



**ANNOTATE (change)**

- ❑ The chart can be downloaded/ saved in various formats as given above.
- ❑ Various annotation tools can also be used with the chart.
- ❑ The chart can be printed by using print option.

# PUBLISH AND SHARE OPTION

The screenshot shows the amCharts Online Chart Maker interface. The 'Publish & Share' button is highlighted with a red box, and a red arrow points to it from a red callout box containing the text: "Click here to publish and share the chart online." The chart displayed is a grouped bar chart titled "Gross Enrollment Ratio in Schools of UP and UK at Primary and Secondary level (2014-15)". The chart compares the enrollment ratio for UP (orange bars) and UK (yellow bars) across six categories: Primary Boys, Primary Girls, Primary Total, Secondary Boys, Secondary Girls, and Secondary Total. The Y-axis represents the Enrollment Ratio, ranging from 60 to 110. Below the chart is a data table with columns for category, UP, and UK.

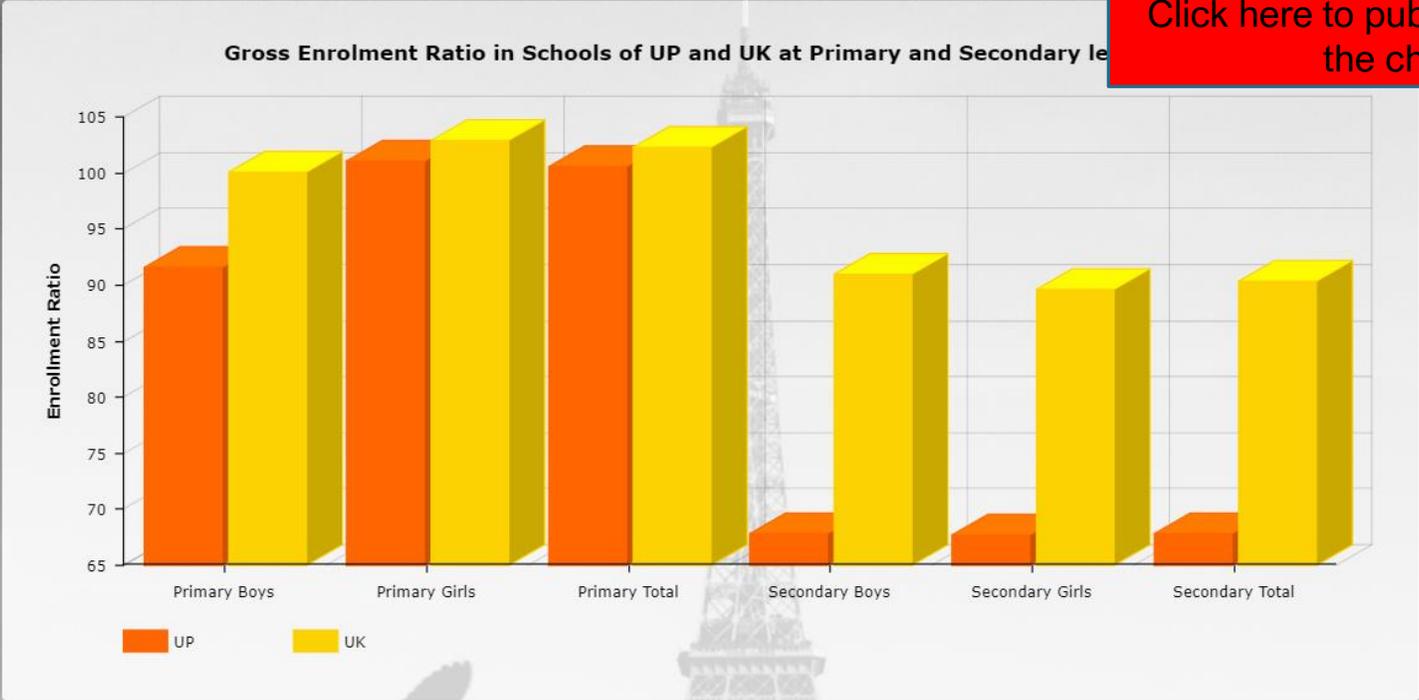
category	UP	UK
Primary Boys	91.54	100.11
Primary Girls	101.02	102.91
Primary Total	100.54	102.33
Secondary Boys	67.85	90.99
Secondary Girls	67.73	89.65
Secondary Total	67.79	90.35

# PUBLISH AND SHARE

Click here to customize the look of the chart.



Click here to publish and share the chart.



# CUSTOMIZE IT WITH BEAUTIFUL BACKGROUNDS AND OTHER APPEARANCE SETTINGS

Online Chart Maker | amCharts

live.amcharts.com/c1MTM/

Create new Chart + Edit this Chart

deebisht.2020@gmail.com 1 AMCHARTS.COM

**Gross Enrolment Ratio in Schools of UP a (5)**

Category	UP (Orange)	UK (Yellow)
Primary Boys	~93	~101
Primary Girls	~102	~104
Primary Total	~102	~104
Secondary Boys	~69	~92
Secondary Girls	~69	~90
Secondary Total	~69	~92

Enrollment Ratio

UP UK

**Select the various option available here to enhance the look of the chart.**

**Customize the look**

- Theme
- Width
- Height
- Opacity
- Corner
- Margin
- Shadow
- Background: #ffffff
- Background image

# PUBLISH AND SHARE

Easily share with your friends/collogues on Facebook, Twitter, Google+ or other social networks or blogs.

<https://live.amcharts.com/2ZTk4/>

Embed directly into your website using `<iframe>` tag

```
<iframe width="600" height="400" src="https://live.amcharts.com/2ZTk4/embed/" frameborder="0"></iframe>
```

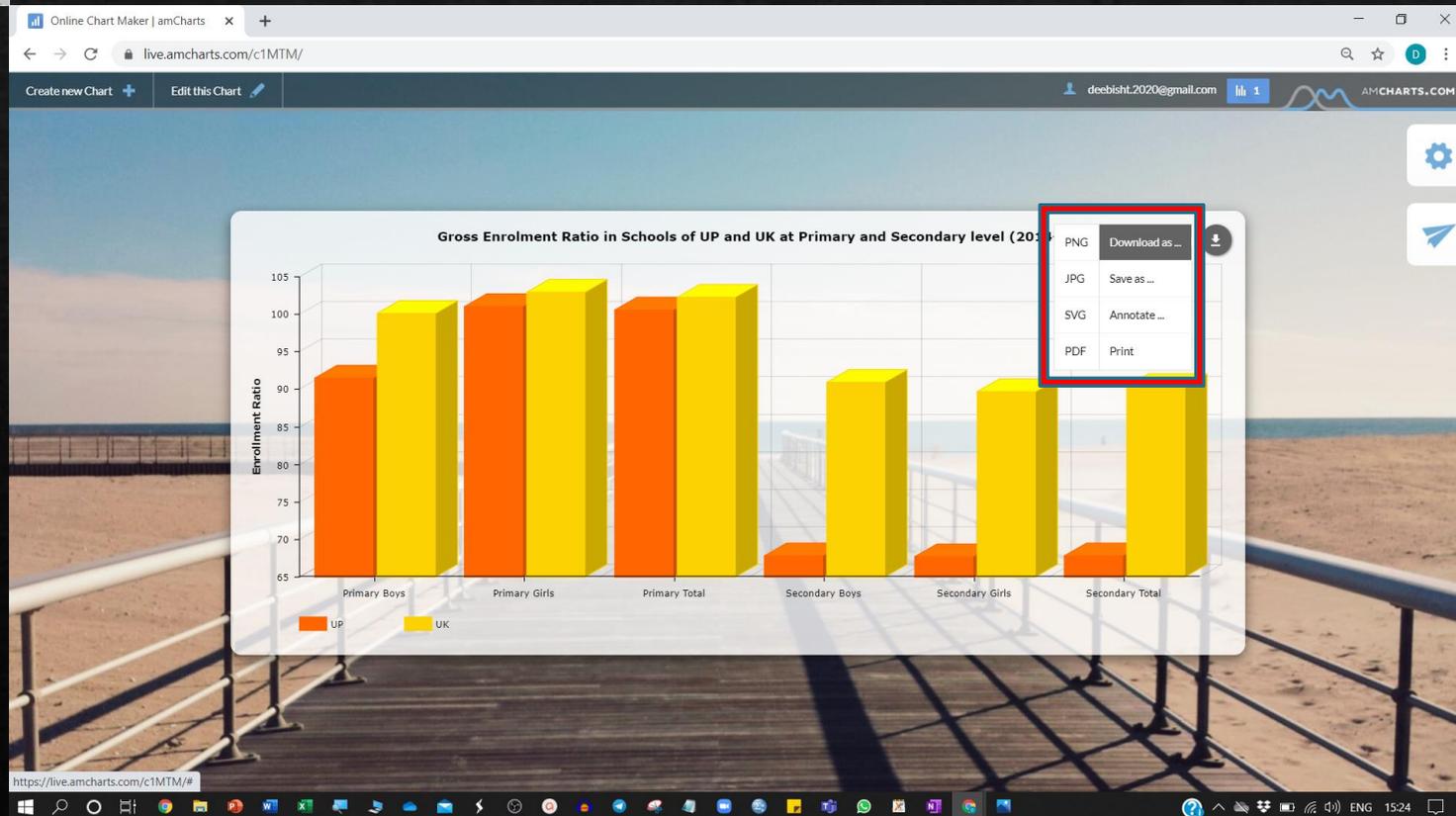
The screenshot shows the amCharts Online Chart Maker interface. The main chart is a 3D bar chart titled "Gross Enrolment Ratio in Schools of UP and UK at Primary and Secondary (2014-15)". The Y-axis is labeled "Enrollment Ratio" and ranges from 65 to 105. The X-axis categories are Primary Boys, Primary Girls, Primary Total, Secondary Boys, Secondary Girls, and Secondary Total. The legend indicates that orange bars represent UP and yellow bars represent UK. A tooltip for the UK of Secondary Boys bar shows a value of 90.99. The "Share & Publish" panel is open, showing social media sharing options (Twitter, Facebook, Google+, Tumblr, LinkedIn, Pinterest, Email), a link to the chart, and an embed code.

**Select the desired option to share the chart.**

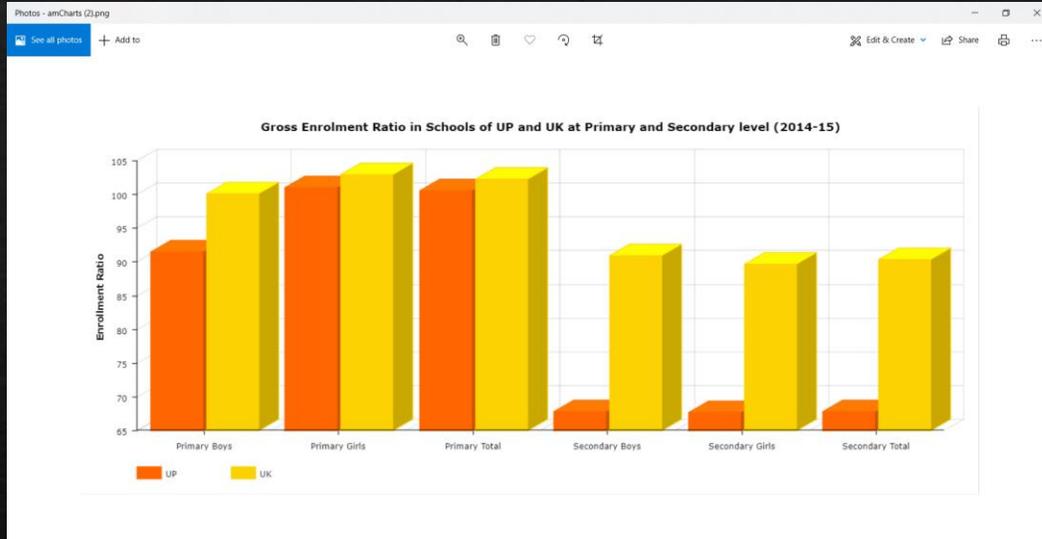
Category	UP (Orange)	UK (Yellow)
Primary Boys	~93	~101
Primary Girls	~102	~104
Primary Total	~101	~103
Secondary Boys	~69	90.99
Secondary Girls	~69	~91
Secondary Total	~69	~91



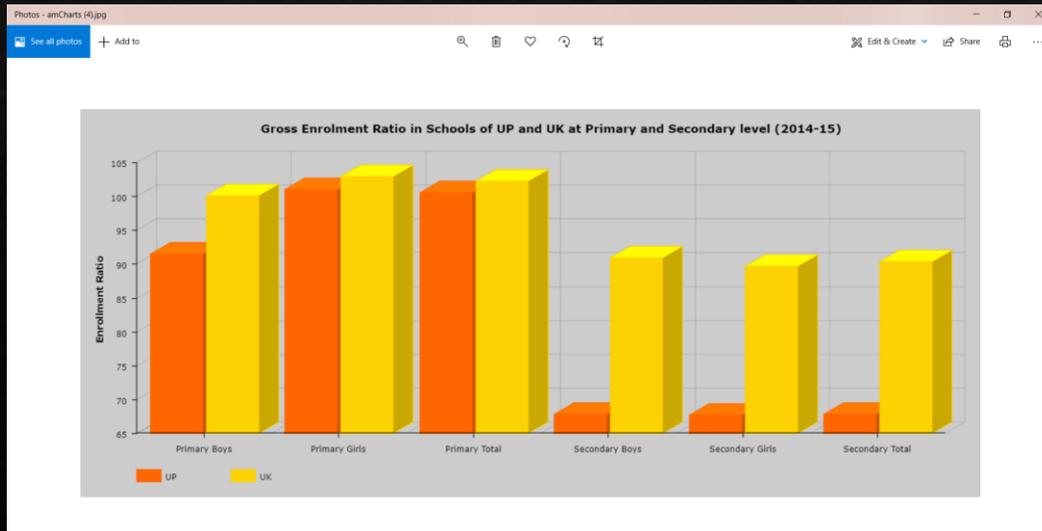
- **DOWNLOAD** in any available file format (PNG, JPG, SVG, PDF)
- **SAVE** as any available (CSV, XLSX, JSON) format.
- **ANNOTATE**
- **PRINT**



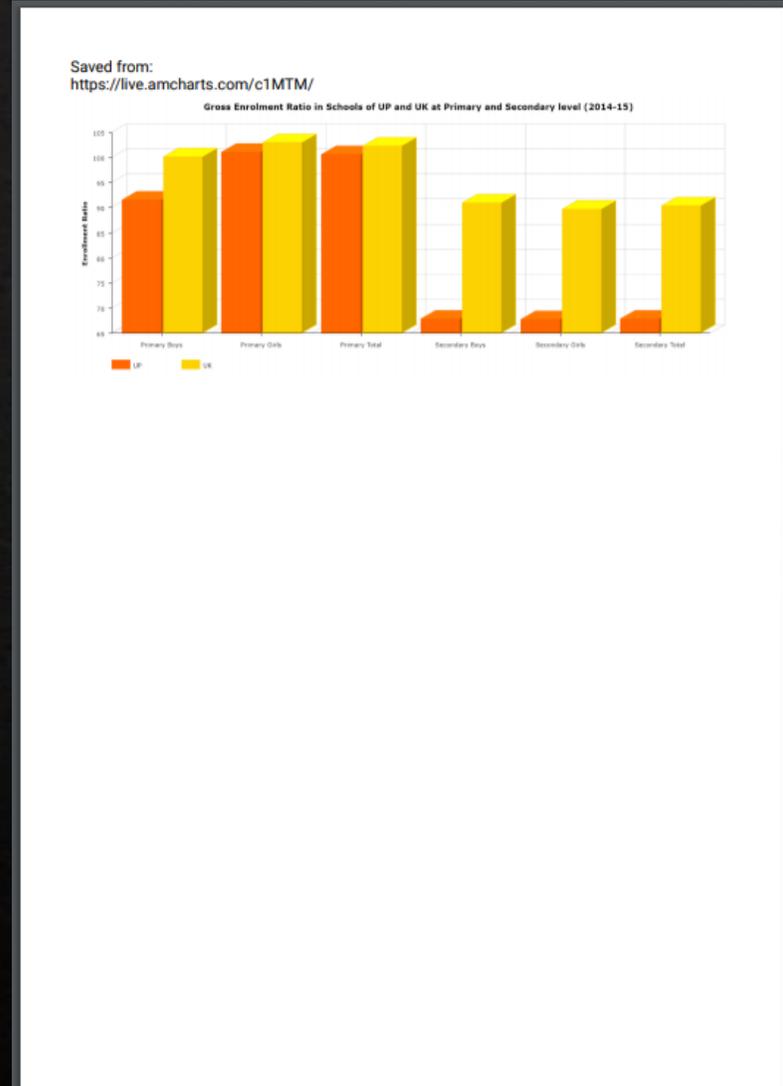
# CHART DOWNLOADED IN VARIOUS SAVED FORMATS



PNG format



JPG format



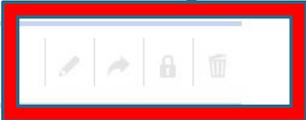
PDF format

# SAVED CHARTS

The screenshot shows the amCharts website dashboard. At the top, the browser address bar shows 'live.amcharts.com'. The user is logged in as 'deebisht.2020@gmail.com'. The main heading is 'Editor - Make your charts' with a subtext 'Charts created 1 5 6 4 7 8 and counting!'. A blue button labeled 'Make a Chart' is prominent. Below this, the section 'My saved charts (1)' displays a chart titled 'Gross Enrollment Ratio in Schools- Primary and Secondary level (UP and Uttarakhand)'. A red callout box points to the chart's title area, stating: 'Saved charts appear on the dash board. and can be edited, shared, deleted and made public/private directly from here.' Another red callout box points to the chart's toolbar, stating: 'Charts can be edited, shared, deleted and made public/private directly from here.' The toolbar contains icons for edit, share, lock, and delete. Below the chart, there are social media buttons for 'Like 632' and 'Tweet'. The bottom section, 'MORE TEMPLATES TO START FROM', features several chart thumbnails: a horizontal bar chart, a line chart with bars, a pie chart, a scatter plot, a candlestick chart, and a gauge chart.

Saved charts appear on the dash board. and can be edited, shared, deleted and made public/private directly from here.

Charts can be edited, shared, deleted and made public/private directly from here.



THANK  
YOU!