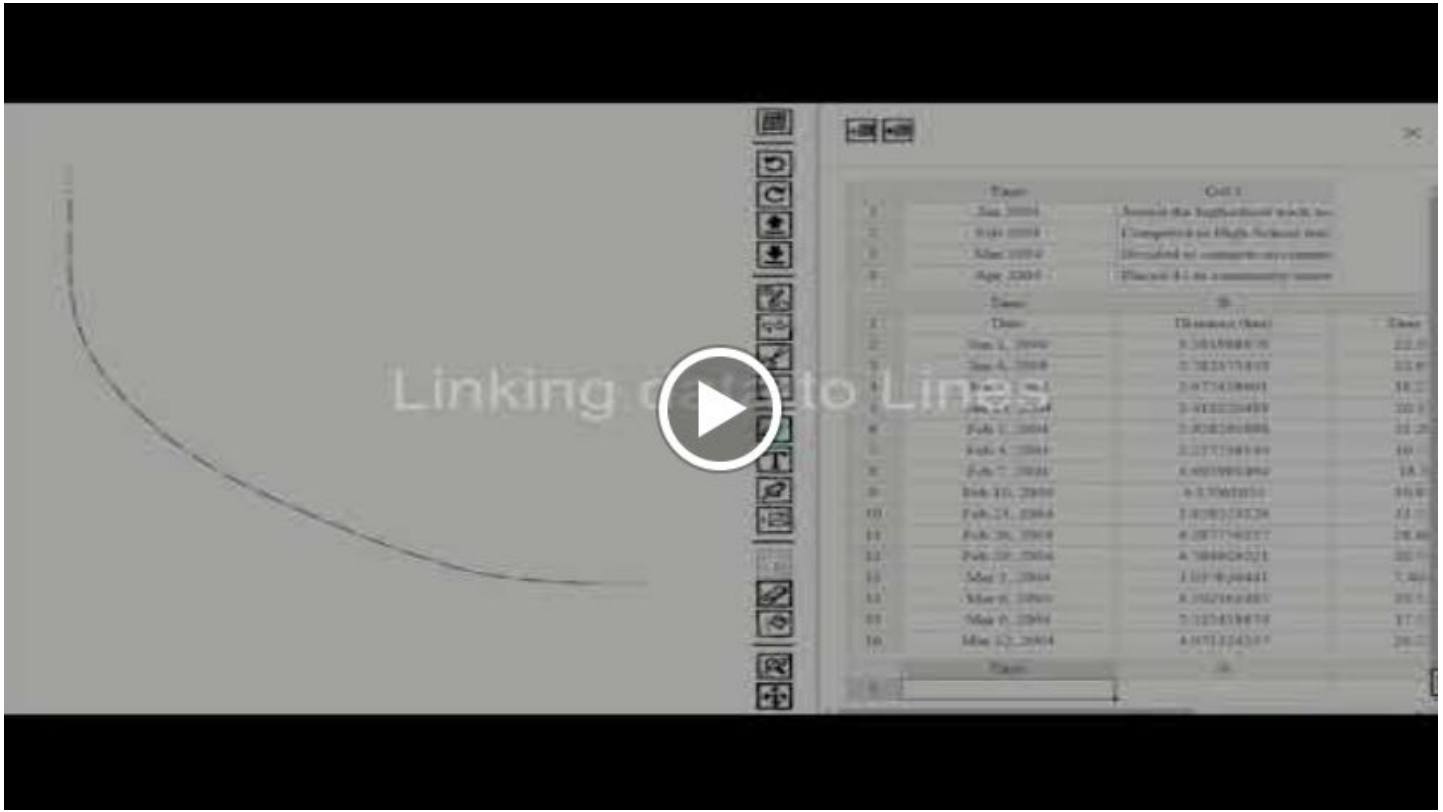
Old name used for the study

TimeALine Tutorials and Practice Visualization

Tutorial 1: Basic Features



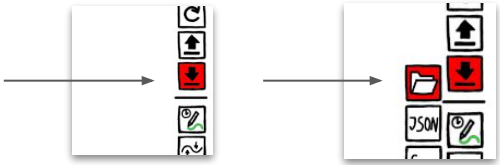
Tutorial 2: Customizing Visuals

Tutorial 3: Workspaces

Workspaces are very important as it is how you save your progress

For the study, it is also how we collect your interaction data, without a workspace, we will lose our most important data!

To create your workspace, click the red download button, followed by the create workspace button:



Select an **empty** folder, then give the browser permissions to read and write to that folder.

Now your visualization is automatically backed up.

To open the folder again when you come back, click the upload button, and select the open folder button:

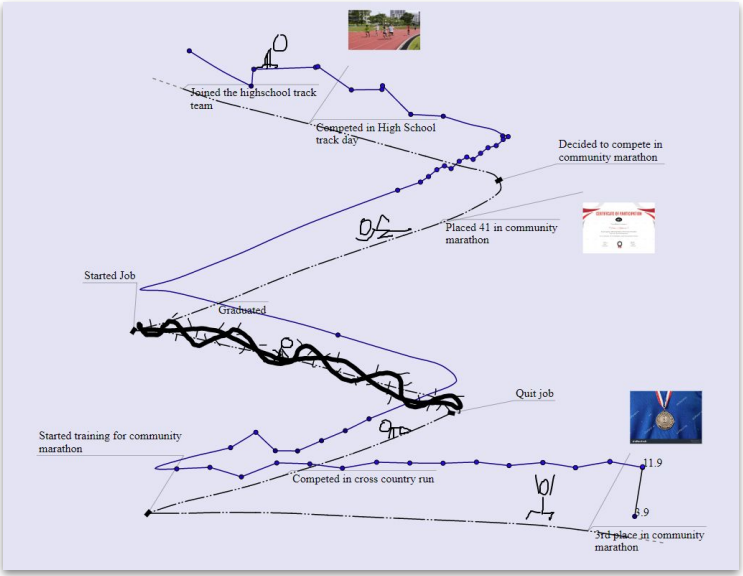
Tutorial 4: Packaging your workspace

Coming soon…

(I haven’t written this function yet as it’s not needed until someone finishes the study)

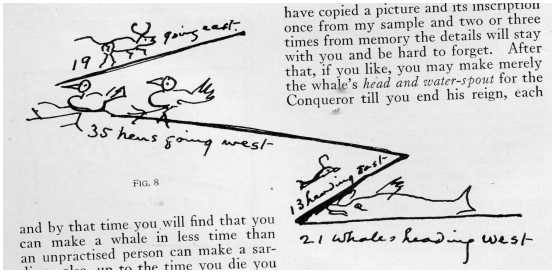
Practice visualization

- This section of the tutorial provides step by step instructions for creating the following visualization



Practice visualization: Scenario

- The dataset is a person who practices long distance running as a hobby.
- There is collected data on the running practice from 2004 to 2009, and now you want to create a visualization with that data (Provided in the Tutorial Folder).
- You will create a visualization inspired by Mark Twain's mnemonic, where he drew a zigzag line, with each zig and zag representing a different period in English history.
- You will create a zigzag visualization with each zig and zag representing different periods in how how this person has been practicing running.



Mark Twain's Mnemonic

Step 1

Create your workspace

Step 2

Load the events into the system

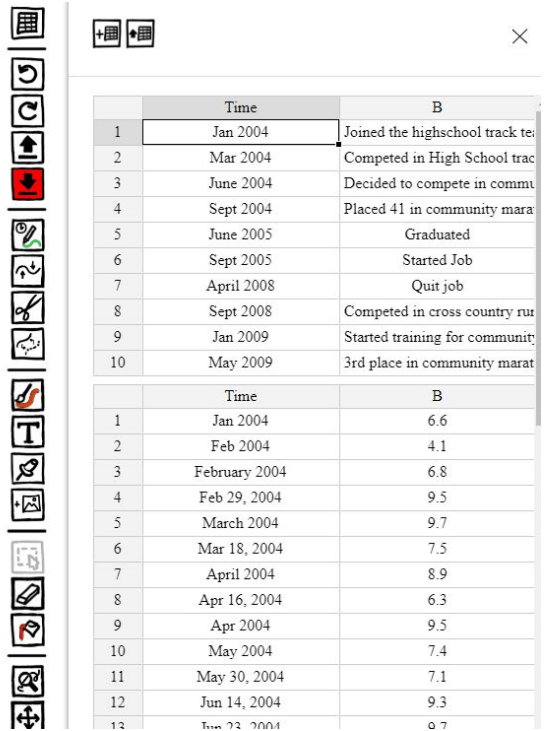
Link: Events

Link: Data

You can do this by:

a) Copying and pasting from the spreadsheet

b) Downloading the spreadsheet as CSV and uploading



	Time	B
1	Jan 2004	Joined the highschool track te
2	Mar 2004	Competed in High School trac
3	June 2004	Decided to compete in commu
4	Sept 2004	Placed 41 in community mara
5	June 2005	Graduated
6	Sept 2005	Started Job
7	April 2008	Quit job
8	Sept 2008	Competed in cross country ru
9	Jan 2009	Started training for communit
10	May 2009	3rd place in community marat

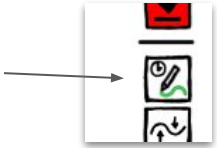
	Time	B
1	Jan 2004	6.6
2	Feb 2004	4.1
3	February 2004	6.8
4	Feb 29, 2004	9.5
5	March 2004	9.7
6	Mar 18, 2004	7.5
7	April 2004	8.9
8	Apr 16, 2004	6.3
9	Apr 2004	9.5
10	May 2004	7.4
11	May 30, 2004	7.1
12	Jun 14, 2004	9.3
13	Jun 23, 2004	9.7

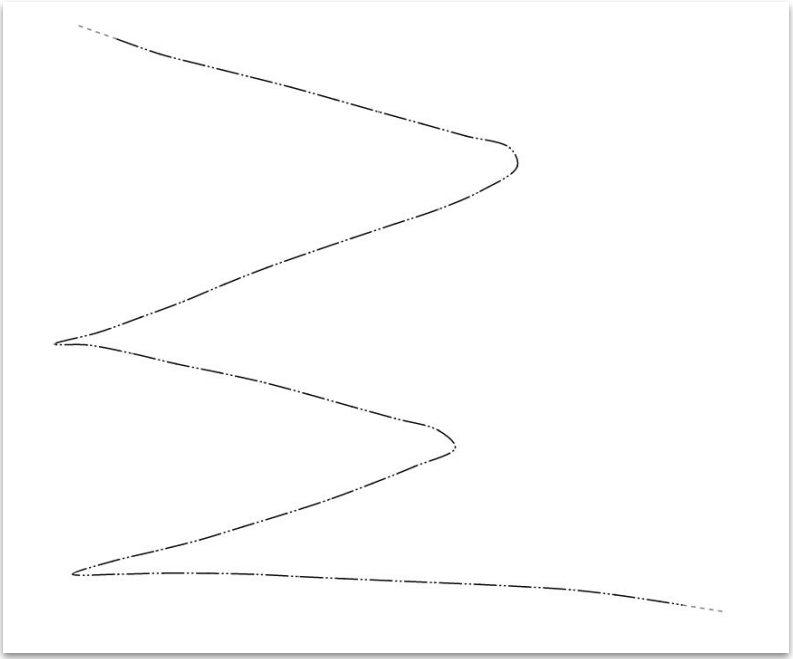
Example of the expected outcome.
You do not need to follow this exactly.

Step 3

Draw the zig zag line.

Please draw your zigzag line with 5 zigs

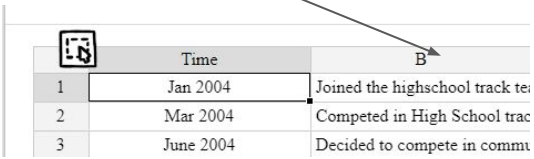




Example of the expected outcome.
You do not need to follow this exactly.

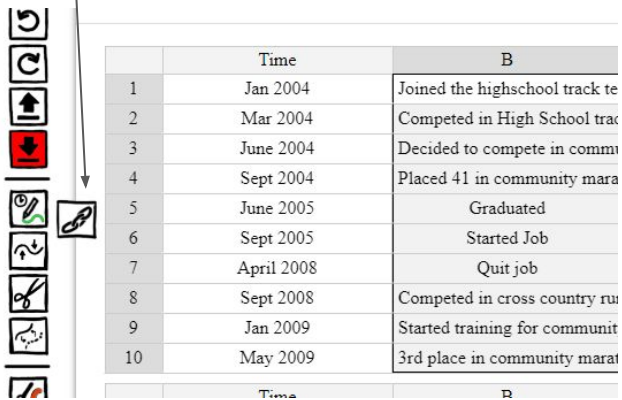
Step 4

Add the event data to your line.
Click the column



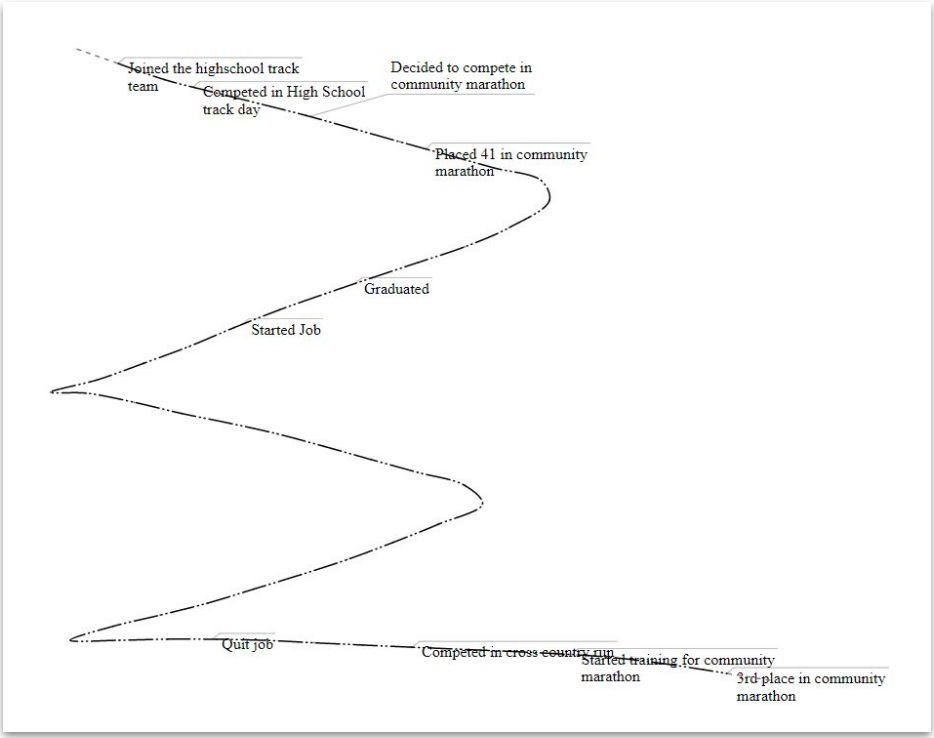
	Time	B
1	Jan 2004	Joined the highschool track te
2	Mar 2004	Competed in High School trac
3	June 2004	Decided to compete in commu

Click the link button



	Time	B
1	Jan 2004	Joined the highschool track te
2	Mar 2004	Competed in High School trac
3	June 2004	Decided to compete in commu
4	Sept 2004	Placed 41 in community mara
5	June 2005	Graduated
6	Sept 2005	Started Job
7	April 2008	Quit job
8	Sept 2008	Competed in cross country ru
9	Jan 2009	Started training for communit
10	May 2009	3rd place in community marat

Click the line



Example of the expected outcome.
You do not need to follow this exactly.

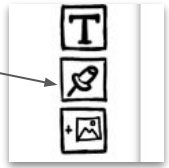
Step 5

You have 4 key events that caused transitions in the running practice. You want to place those events at the turns to indicate of your visualization to indicate this.

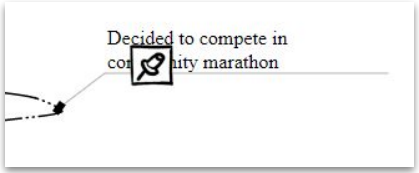
The important events are:

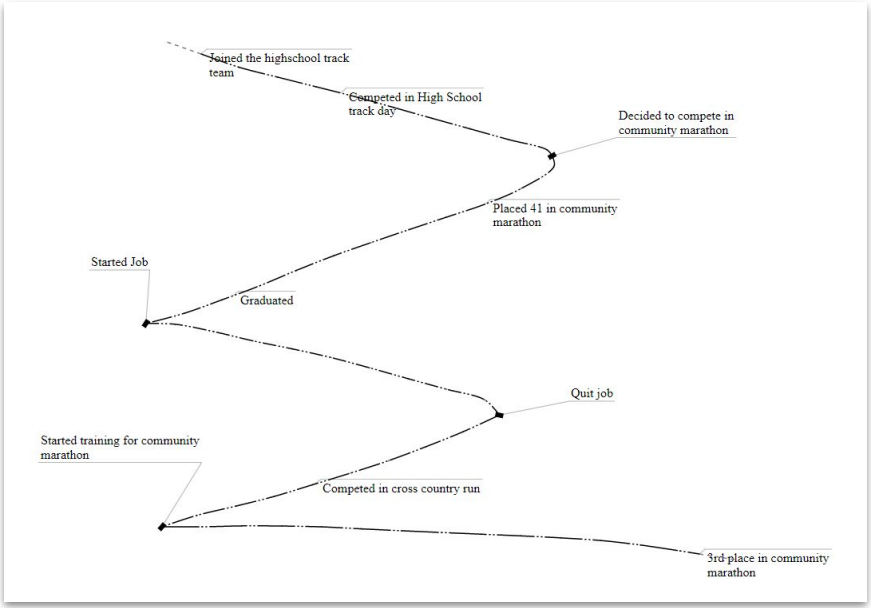
- Decided to compete in community marathon
- Started Job
- Quit job
- Started training for community marathon

Click the pin button



Drag the event

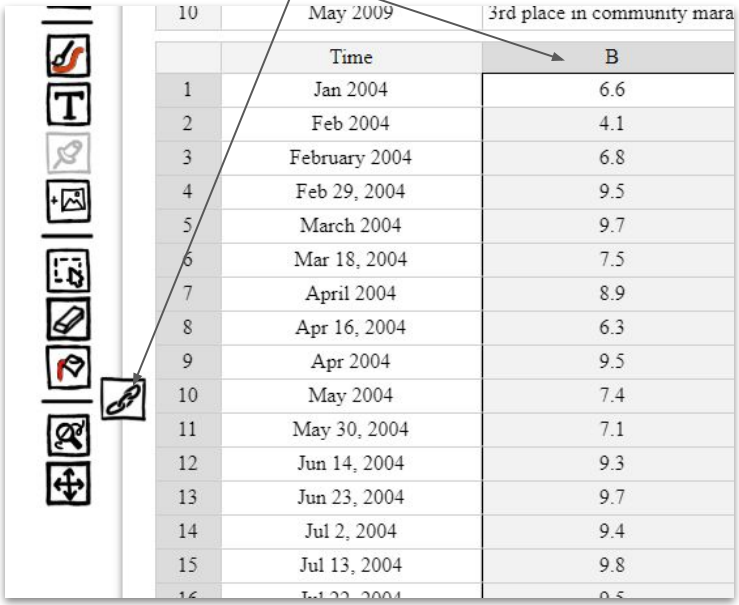




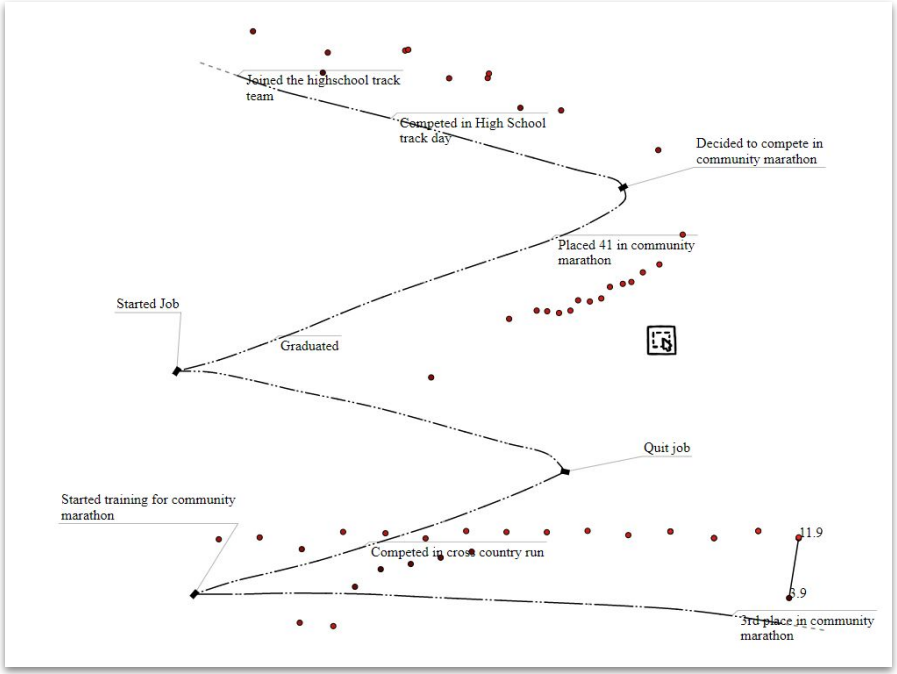
Example of the expected outcome.
You do not need to follow this exactly.

Step 6

Add the data points from the second table to the system. Adding data points is identical to adding events. It's advisable to only add one column of data points.



10	May 2009	3rd place in community mara
	Time	B
1	Jan 2004	6.6
2	Feb 2004	4.1
3	February 2004	6.8
4	Feb 29, 2004	9.5
5	March 2004	9.7
6	Mar 18, 2004	7.5
7	April 2004	8.9
8	Apr 16, 2004	6.3
9	Apr 2004	9.5
10	May 2004	7.4
11	May 30, 2004	7.1
12	Jun 14, 2004	9.3
13	Jun 23, 2004	9.7
14	Jul 2, 2004	9.4
15	Jul 13, 2004	9.8
16	Jul 22, 2004	9.5



Example of the expected outcome.
You do not need to follow this exactly.

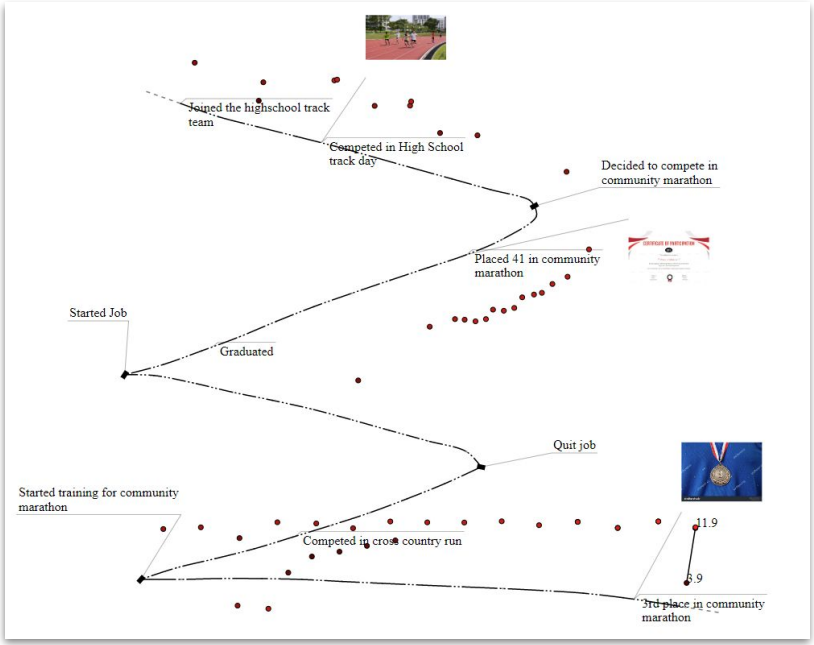
Step 7

You have 3 photos you want to use to illustrate the visualization.
They are associated with the following events:

		
Competed in High School Track Day	Competed in Community Marathon	Placed Third in Community Marathon

Add the photos to your line.
Download the photos
Click the image add button: 

Click the line where you want to place the photo.

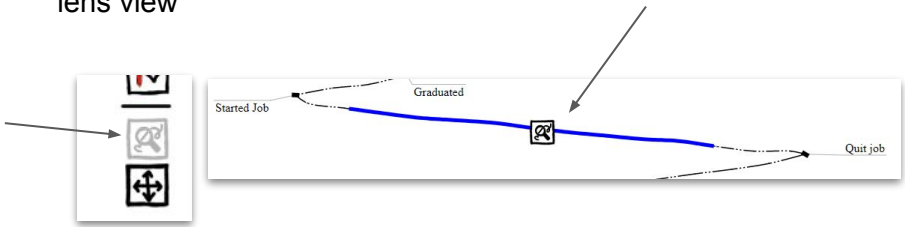


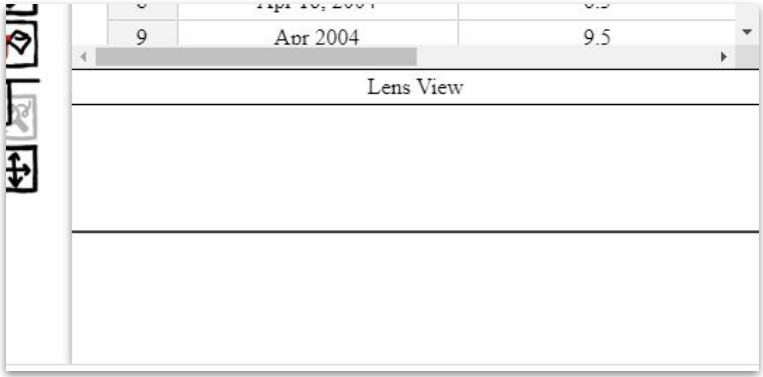
Example of the expected outcome.
You do not need to follow this exactly.

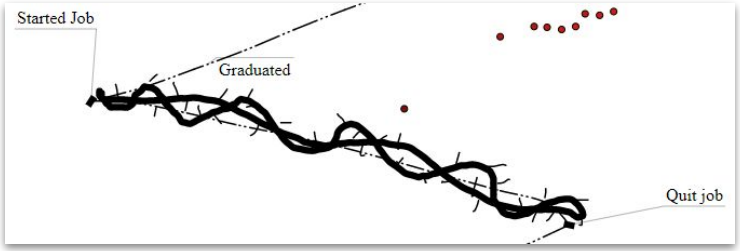
Step 8

Add an annotation to one section of the line.

Click the lens tool and click the line section to bring it up in the lens view

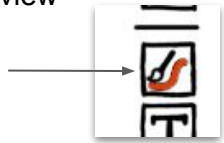


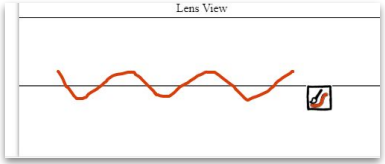




Example of the expected outcome.
You do not need to follow this exactly.

You can now use the annotation tool in the lens view



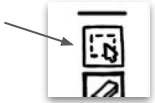


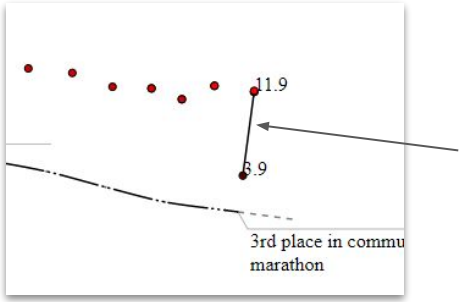
Step 9

To make your data points easier for you to read,

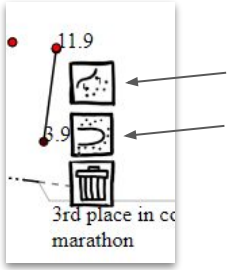
1. Add a line to the data points
2. Align your data points so they are all above the line

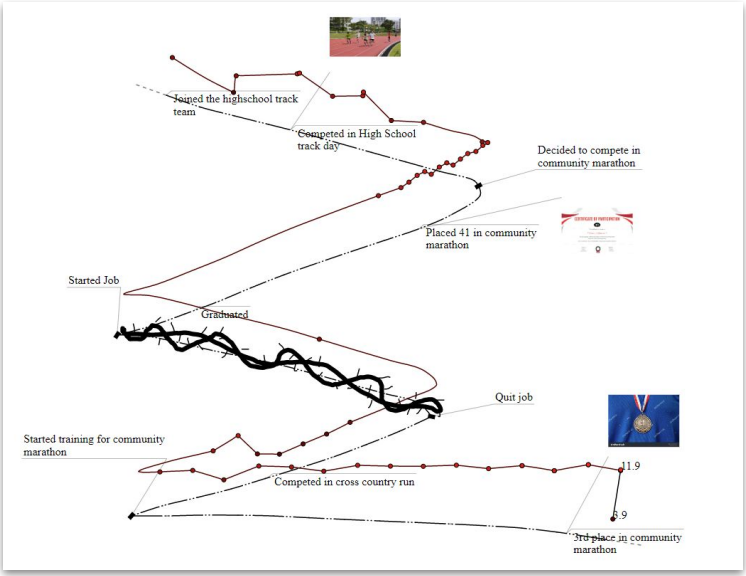
Using the selection tool, click the data axis:





Click the style button to get a line, and the align button to change the alignment:



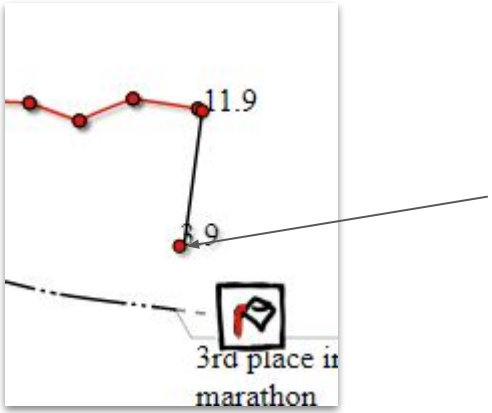


Example of the expected outcome.
You do not need to follow this exactly.

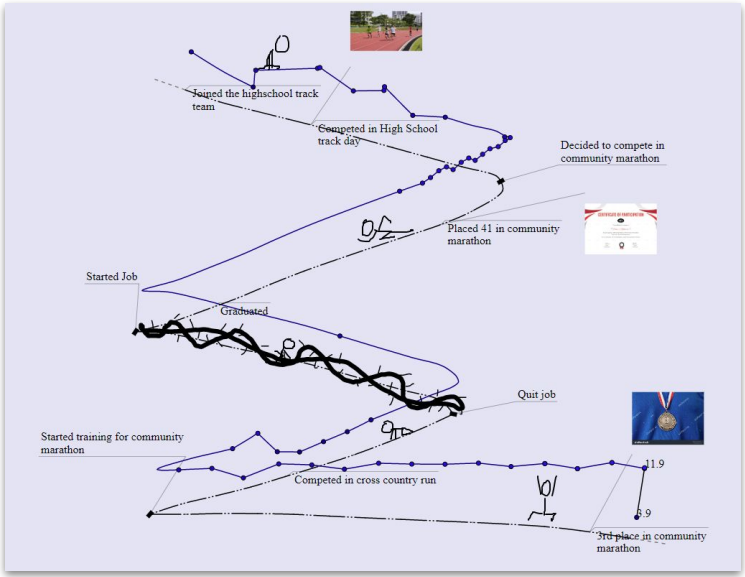
Step 10

Color the background and the line with the bucket tool.

To color the line, you have to color the lower node



Add decorative annotations as you see fit



Example of the expected outcome.
You do not need to follow this exactly.