

# World Today Magazine – Code Guide

The idea of this is guide you into the code... Also you will see drawings that explain the meaning of some math used in the code.

**First** let's see the project files!

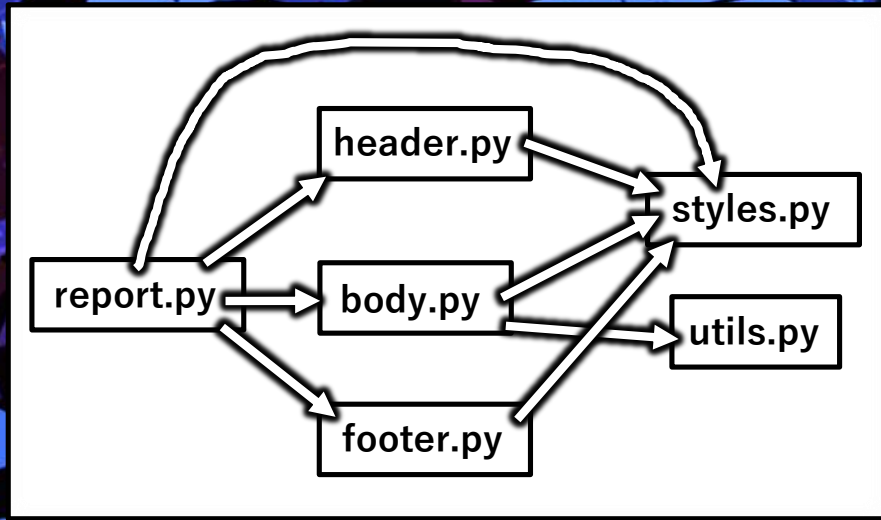
✓ WORLD TODAY MAGAZINE

- ✓ fonts
  - PG\_Roof Runners\_active.ttf
  - SaucerBB.ttf
- body.py
- footer.py
- header.py
- report.py
- styles.py
- utils.py

Fonts to register and use

Python Scripts

**Second** the file dependencies!

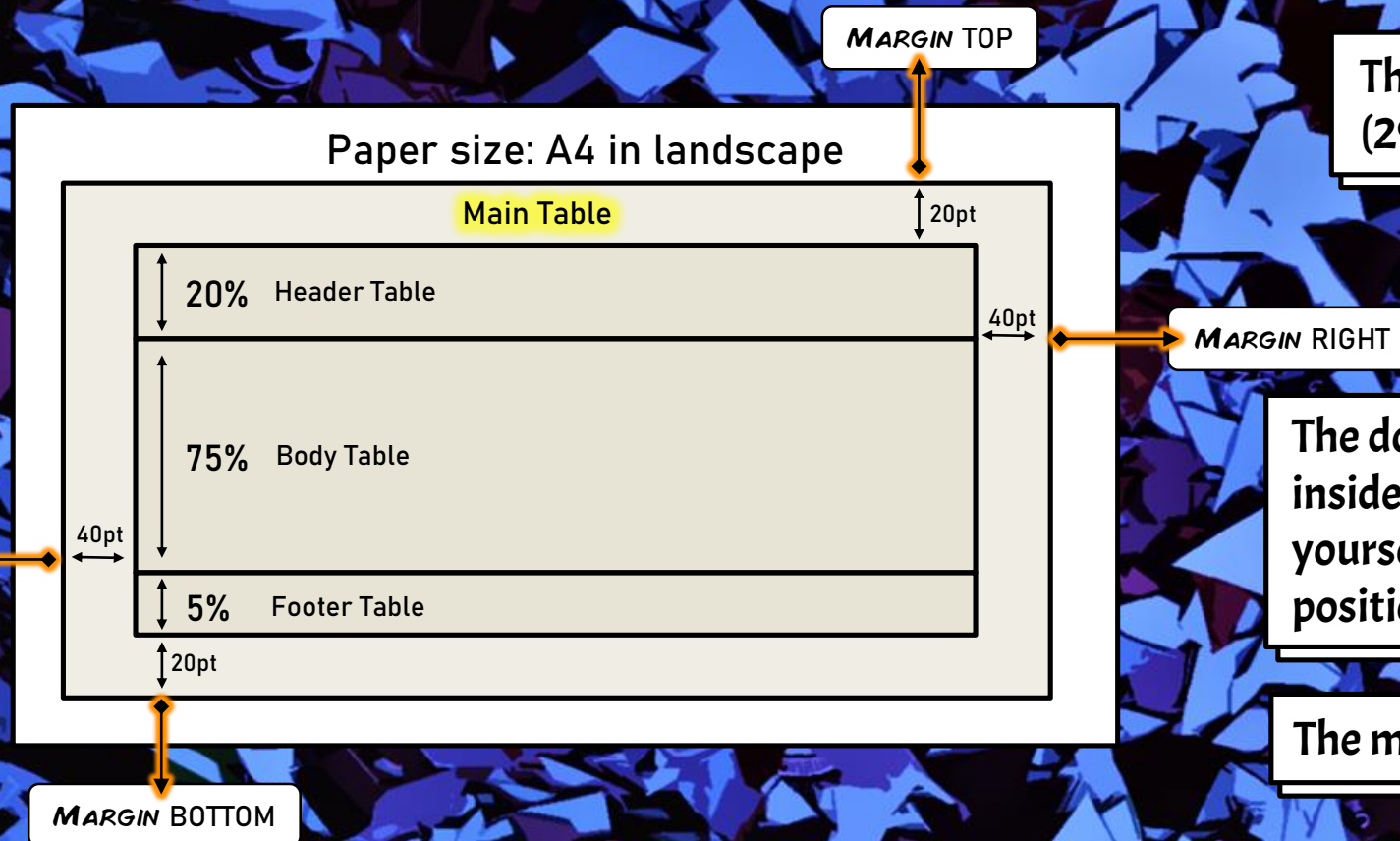


**Note** to run the script type in terminal:  
py .\report.py



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Now we are ready to see the **document structure!**



This report is design for a paper size A4 (297mm x 210mm) in **LANDSCAPE!**

The document structure is based on tables inside tables... why?! You may ask yourself! Because it is very helpful for positioning the elements!!!

The most outer table is the **Main Table!**

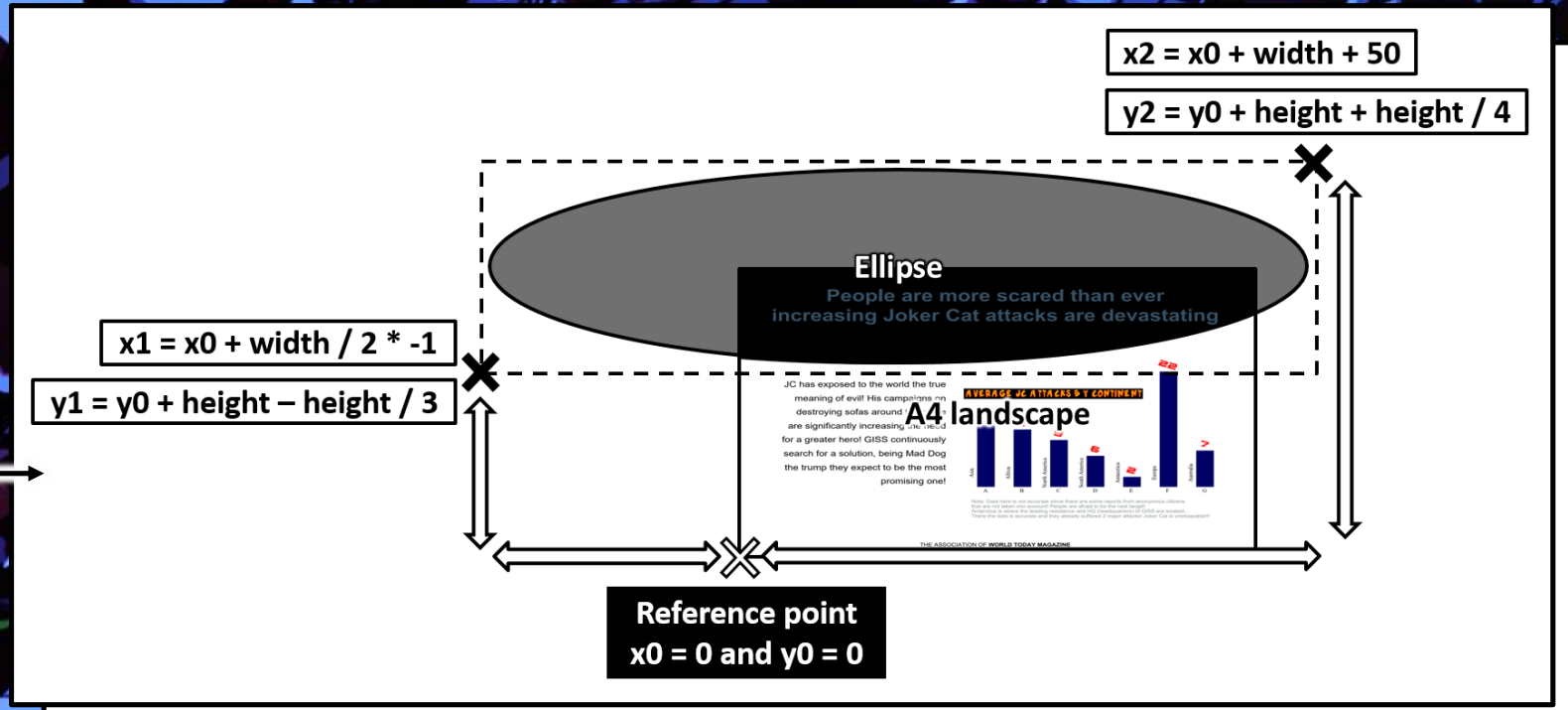
The code that defines this structure is in report.py!



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Where is the code?!

report.py	
Action	Line
Register external fonts	91
Create PDF	100
Make black background	109
Create Main Table	132
Save the document	151



Has you can see on the drawing the black background is actually a giant ellipse semi hidden!!!



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Let's see the header table!

People are more scared than ever  
increasing Joker Cat attacks are devastating

It's a very simple table that just contains a paragraph!

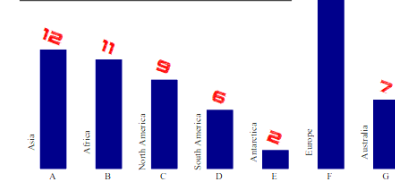
Where is the code?!

header.py	
Action	Line
Create Header Table	13
Align paragraph vertically	44

People are more scared than ever  
increasing Joker Cat attacks are devastating

JC has exposed to the world the true meaning of evil! His campaigns on destroying sofas around the globe are significantly increasing the need for a greater hero! GISS continuously search for a solution, being Mad Dog the trump they expect to be the most promising one!

AVERAGE JC ATTACKS BY CONTINENT



Note: Data here is not accurate since there are some reports from anonymous citizens that are not taken into account! People are afraid to be the next target!  
Antarctica is where the leading resistance and HQ (headquarters) of GISS are located!  
These data is accurate and they already suffered 2 major attacks! Joker Cat is unstoppable!!

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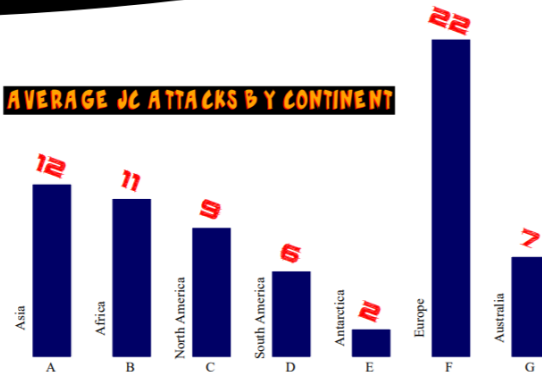


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Let's jump to the body table!

JC has exposed to the world the true meaning of evil! His campaigns on destroying sofas around the globe are significantly increasing the need for a greater hero! GISS continuously search for a solution, being Mad Dog the trump they expect to be the most promising one!

**AVERAGE JC ATTACKS BY CONTINENT**

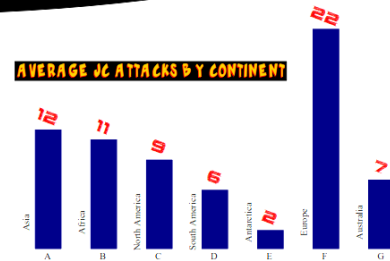


Note: Data here is not accurate since there are some reports from anonymous citizens that are not taken into account! People are afraid to be the next target! Antarctica is where the leading resistance and HQ (headquarters) of GISS are located... There the data is accurate and they already suffered 2 major attacks! Joker Cat is unstoppable!!!

People are more scared than ever  
increasing Joker Cat attacks are devastating

JC has exposed to the world the true meaning of evil! His campaigns on destroying sofas around the globe are significantly increasing the need for a greater hero! GISS continuously search for a solution, being Mad Dog the trump they expect to be the most promising one!

**AVERAGE JC ATTACKS BY CONTINENT**



Note: Data here is not accurate since there are some reports from anonymous citizens that are not taken into account! People are afraid to be the next target! Antarctica is where the leading resistance and HQ (headquarters) of GISS are located... There the data is accurate and they already suffered 2 major attacks! Joker Cat is unstoppable!!!

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This is a Table!!!

The body table have two columns, the left column contains a paragraph and the right column a table.

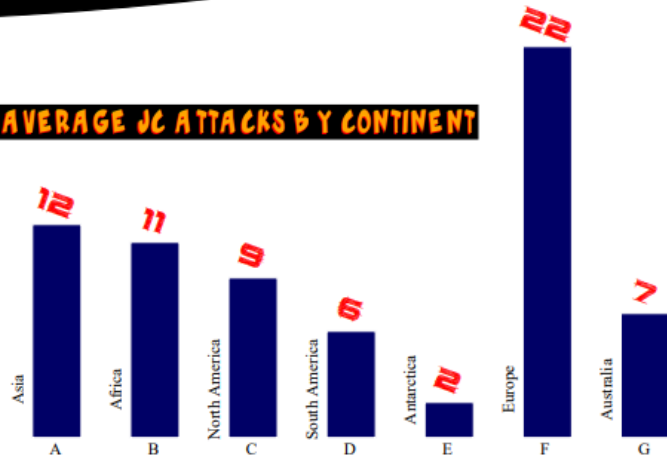


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Let's take a look at body right table!

Where is the code?!

**AVERAGE JC ATTACKS BY CONTINENT**



Note: Data here is not accurate since there are some reports from anonymous citizens that are not taken into account! People are afraid to be the next target!  
Antarctica is where the leading resistance and HQ (headquarters) of GISS are located...  
There the data is accurate and they already suffered 2 major attacks! Joker Cat is unstoppable!!!

This table contains just two rows, one for the chart and the other for a paragraph!

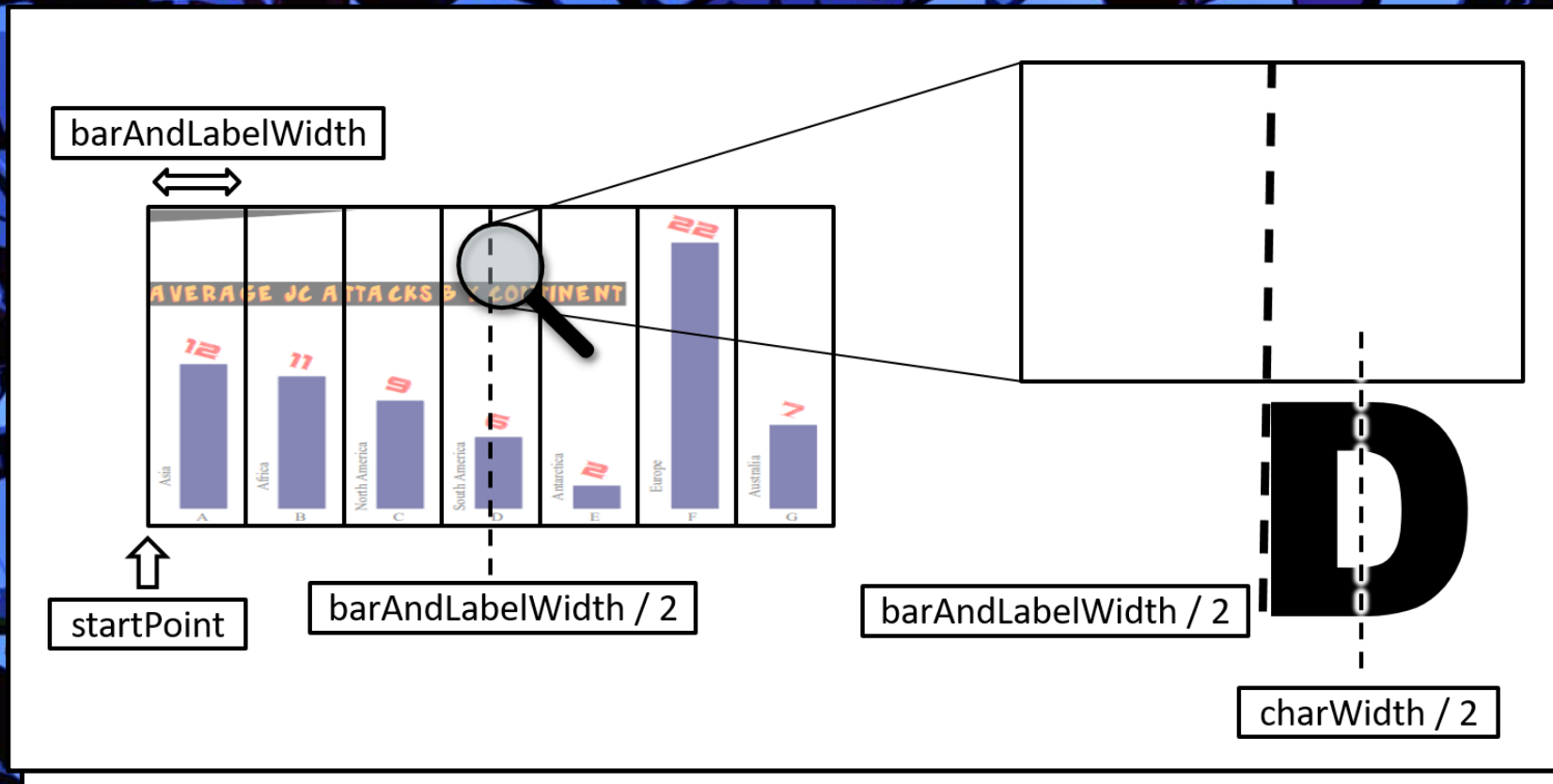
body.py

Action	Line
Create Body Table	24
Create Left Paragraph	51
Create Right Table	76
Create Bar Chart	102
Hide vertical axis in chart	108
Hide horizontal axis and ticks in chart	124
Rotate horizontal axis labels in chart (names of continents)	126
Adjust horizontal axis labels positions	127
Number label in the top of each bar	131
Average JC Attacks by Continent text	151
Text on bottom of each bar (A, B, .., G) *	184
Bottom Paragraph	205



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Text on bottom of each bar (A, B, .., G) \* line 184 of body.py





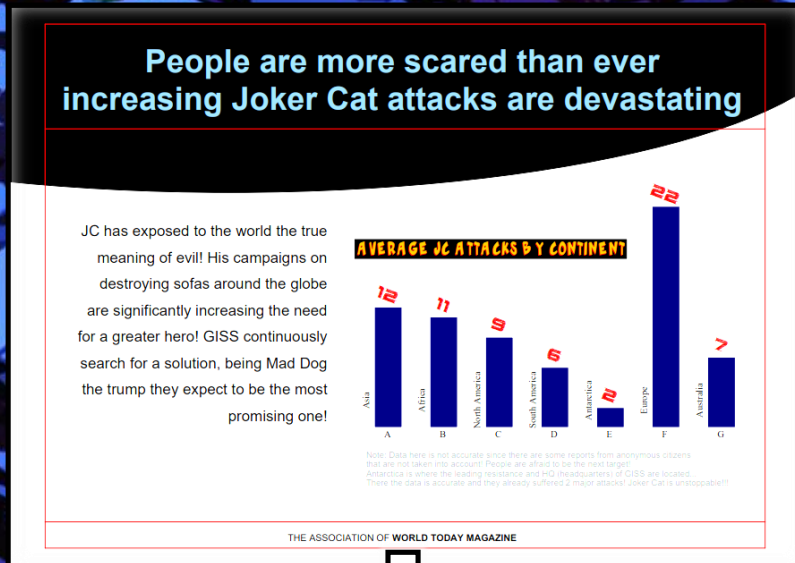
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...and finally the Footer table!!!

The footer is pretty much like we saw in the header!

Where is the code?!



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header.py	
Action	Line
Create Footer Table	13



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Well guys that's it for now. Thanks for watching. We hope you enjoy. Feel free to add comments, we will try to reach everyone. Likes are welcome, for us is a better way to see if the video feels your needs. Be a part of the community by [subscribing](#) the channel. Also, if you want the opportunity to see the newest releases, just activate the bell next to subscribe button. See you soon on the next video.

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