

COM5961 DATA DRIVEN PRODUCTS & SERVICES DESIGN:

LESSON 6 - PYTHON WEB PROGRAMMING IN FLASK I

Bernard Suen
Center for Entrepreneurship
Chinese University of Hong Kong

Today's agenda.

1. What is a Content Management System (**CMS**)? How do people use it to implement Information Architecture (**IA**) on the web to improve ‘user’ experience?
2. What is Search Engine Optimisation (**SEO**)?
3. How can people use IA, CMS, and SEO to improve web performance?
4. CMS Based Websites vs. Custom Coded Websites
5. Create CMS and custom coded websites in **Python Flask**.

Enter Responsive Design.



Assignment 1



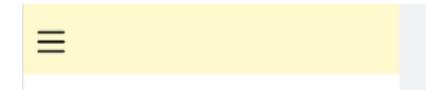
This is my first experience in creating a web page and sharing with the world. It was unbelievable that I can do that as a person coming from a non-technical background. After all, the learning hasn't been as difficult as I thought. Hopefully, I can do more interesting things with the newly acquired skills.

My current design for the first assignment is based on one main idea: How can I make my creative works more accessible and inspiring for other people? That's why I have chosen a simple horizontal navigation bar with the current navigation option highlighted and the paragraph heading displayed in H1 tag.

Simplicity is important but amusement, the entertaining impact my works create, is equally so. I still have to work harder on both. They are design attributes that can delight people and make them willing to see my works

more.

More details about my design can be found [here](#).



Assignment 1



This is my first experience in creating a web page and sharing with the world. It was unbelievable that I can do that as a person coming from a non-technical background. After all, the learning hasn't been as difficult as I thought. Hopefully, I can do more interesting things with the newly acquired skills.

My current design for the first assignment is based on one main idea: How can I make my creative works more accessible and inspiring for other people? That's why I have chosen a simple

New in v5.2 CSS variables, responsive offcanvas, new utilities, and more!



Build fast, responsive sites with Bootstrap

Powerful, extensible, and feature-packed frontend toolkit. Build and customize with Sass, utilize prebuilt grid system and components, and bring projects to life with powerful JavaScript plugins.

\$ npm i bootstrap@5.2.2



[Read the docs](#)

Currently v5.2.2 · [Download](#) · [v4.6.x docs](#) · [All releases](#)



Couchbase Capella DBaaS: Get the power of SQL with the flexibility of JSON

ads via Carbon

<https://getbootstrap.com/>

twitter-bootstrap

The most popular front-end framework for developing responsive, mobile first projects on the web.

★ 160k  GitHub  package  0 vulnerabilities

MIT licensed <http://getbootstrap.com/>

Tags: css, less, mobile-first, responsive, front-end, framework, web, twitter, bootstrap

Version **5.2.2**

Asset Type **All**

Some files are hidden, click to show all files

<https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/5.2.2/js/bootstrap.min.js>

<https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/5.2.2/css/bootstrap-grid.min.css>

<https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/5.2.2/css/bootstrap-grid rtl.min.css>

<https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/5.2.2/css/bootstrap-reboot.min.css>

<https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/5.2.2/css/bootstrap-reboot rtl.min.css>

Use CDN link to access remote CSS and JS libraries for Bootstrap 5.5.2.

<https://cdnjs.com/libraries/twitter-bootstrap/5.2.2>



Getting started

- Introduction
- Download
- Contents
- Browsers & devices
- JavaScript
- Webpack
- Parcel
- Vite
- Accessibility
- RFS
- RTL
- Contribute

Customize

- Overview
- Sass
- Options
- Color
- Components
- CSS variables
- Optimize

Layout

- Breakpoints
- Containers
- Grid**
- Columns
- Gutters
- Utilities
- Z-index
- CSS Grid

Grid system

[View on GitHub](#)

Use our powerful mobile-first flexbox grid to build layouts of all shapes and sizes thanks to a twelve column system, six default responsive tiers, Sass variables and mixins, and dozens of predefined classes.



Your new development career awaits. Check out the latest listings.
ads via Carbon

Example

Bootstrap's grid system uses a series of containers, rows, and columns to layout and align content. It's built with [flexbox](#) and is fully responsive. Below is an example and an in-depth explanation for how the grid system comes together.

New to or unfamiliar with flexbox? [Read this CSS Tricks flexbox guide](#) for background, terminology, guidelines, and code snippets.

Column	Column	Column
--------	--------	--------

HTML



```
<div class="container text-center">
  <div class="row">
    <div class="col">
      Column
    </div>
```

On this page

- Example
- How it works
- Grid options
- Auto-layout columns
- Equal-width
- Setting one column width
- Variable width content
- Responsive classes
- All breakpoints
- Stacked to horizontal
- Mix and match
- Row columns
- Nesting
- Sass
- Variables
- Mixins
- Example usage
- Customizing the grid
- Columns and gutters
- Grid tiers

<https://getbootstrap.com/docs/5.2/layout/grid/>

Grid Classes

Bootstrap's grid system allows up to 12 columns across the page.

The Bootstrap grid system has four classes:

- `xs` (for phones - screens less than 768px wide)
- `sm` (for tablets - screens equal to or greater than 768px wide)
- `md` (for small laptops - screens equal to or greater than 992px wide)
- `lg` (for laptops and desktops - screens equal to or greater than 1200px wide)

The classes above can be combined to create more dynamic and flexible layouts.

Tip: Each class scales up, so if you wish to set the same widths for xs and sm, you only need to specify xs.

Grid System Rules

Some Bootstrap grid system rules:

- Rows must be placed within a `.container` (fixed-width) or `.container-fluid` (full-width) for proper alignment and padding
- Use rows to create horizontal groups of columns
- Content should be placed within columns, and only columns may be immediate children of rows
- Predefined classes like `.row` and `.col-sm-4` are available for quickly making grid layouts
- Columns create gutters (gaps between column content) via padding. That padding is offset in rows for the first and last column via negative margin on `.rows`
- Grid columns are created by specifying the number of 12 available columns you wish to span. For example, three equal columns would use three `.col-sm-4`
- Column widths are in percentage, so they are always fluid and sized relative to their parent element

https://www.w3schools.com/bootstrap/bootstrap_grid_system.asp

Popular Components

- a. Container
- b. Navbar/Navs
- c. Icons
- d. Grid/Row/Column
- e. Images
- f. Buttons/Alerts
- g. Form
- h. Panel/Wells/Jumbotron
- i. Carousel/Collapse
- j. Scrollspy/Offcanvas
- k. Table
- l. Pagination
- m. Badges/List Group/Cards
- n. Modal/Tooltip/Toast/Popover

<https://www.w3schools.com/bootstrap5/index.php>

Bootstrap 5 Tutorial

BS5 HOME

BS5 Get Started

BS5 Containers

BS5 Grid Basic

BS5 Typography

BS5 Colors

BS5 Tables

BS5 Images

BS5 Jumbotron

BS5 Alerts

BS5 Buttons

BS5 Button Groups

BS5 Badges

BS5 Progress Bars

BS5 Spinners

BS5 Pagination

BS5 List Groups

BS5 Cards

BS5 Dropdowns

BS5 Collapse

BS5 Navs

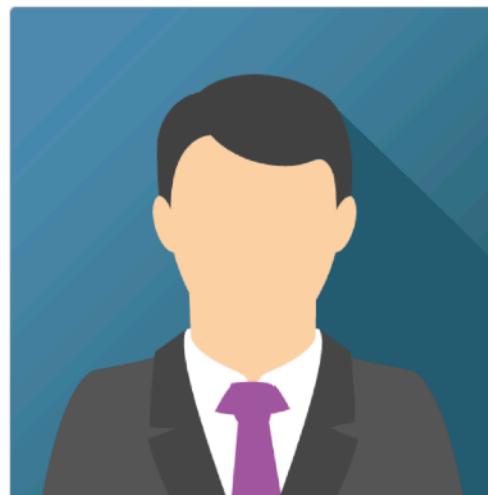
BS5 Navbar

BS5 Carousel

BS5 Modal

Cards

A card in Bootstrap 5 is a bordered box with some padding around its content. It includes options for headers, footers, content, colors, etc.



John Doe

Some example text some example text. John Doe is an architect and engineer

[See Profile](#)

https://www.w3schools.com/bootstrap5/bootstrap_cards.php



Features ▾ Enterprise ▾ Pricing Community ▾ Company ▾ Log in

Sign up

Tony

Mae

Where teams design together

Luis

Sunni

Figma helps teams create, test, and ship better designs from start to finish.

Try Figma for free

▶ See how it works

Untitled Demo Wireframe Kit (Free Edition) (Copy) +

Community Q Search Community Publish B

Bootstrap 5 - 2021.11

By Stefan 

224 Get a copy 6k



The cover features a large white 'B' inside a white curly brace on a purple background. To the right are several white rounded rectangles containing text: 'Variants', 'Auto-layout', 'Components', 'Open-Sourcelcons', 'Icons', and 'Layout examples'. Below this is the title 'Bootstrap 5 • Figma Kit' in large white font. At the bottom left is the text 'Updated: November 2021' and at the bottom right is 'v1.1'.

2021, Nov 29

- fixed cover typo
- added donation link

2021, Nov 22

- fixed cover date

2021, Nov 16

Tags

bootstrap bootstrap 5 design kit free free kit hey minimal random starter ui kit

Untitled Demo Wireframe Kit (Free Edition) (Copy) Bootstrap 5 - 2021.11 (Community)

Drafts / Bootstrap 5 - 2021.11 (Community)

B Share A? 112% □

Layers Assets -- Card

Search assets...

Local components

- Alerts
 - A simple primary alert—check it out!
- Badge
 - Primary
 - Large
- Breadcrumb
 - Home / Library / Data
- Buttons
 - Large button
- Buttons / Button
- Card
 - Card Title
Some quick example text to build on the card title and make up the bulk of the card's content.
[Go somewhere](#)
- Forms
- Icons
- Modal
- Nav & Tabs

Background E5E5E5 100%

Text Styles

- Display 1 · 80/Auto
- Display 2 · 72/Auto
- Display 3 · 64/Auto
- Display 4 · 56/Auto
- Display 5 · 48/Auto
- Display 6 · 40/Auto
- Headline 1 · 40/Auto
- Headline 2 · 32/Auto
- Headline 3 · 28/Auto
- Headline 4 · 24/Auto
- Headline 5 · 20/Auto
- Headline 6 · 16/Auto
- Body Large
- Body
- Body Small
- Forms

Color Styles

- bs-blue
- bs-indigo
- bs-purple
- bs-pink

Image cap

Car Title

Some quick example text to build on the card title and make up the bulk of the card's content.

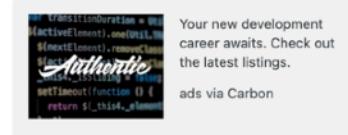
Go somewhere

Bootstrap Lab



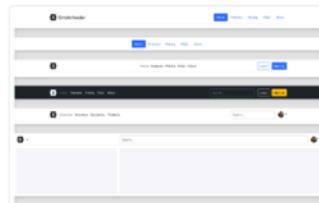
Examples

Quickly get a project started with any of our examples ranging from using parts of the framework to custom components and layouts.

[Download examples](#)[Download source code](#)

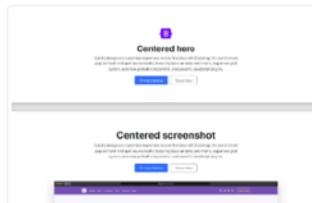
Snippets

Common patterns for building sites and apps that build on existing components and utilities with custom CSS and more.



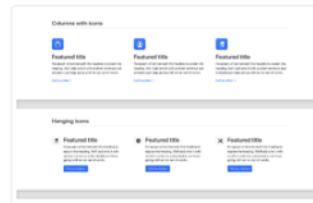
Headers

Display your branding, navigation, search, and more with these header components



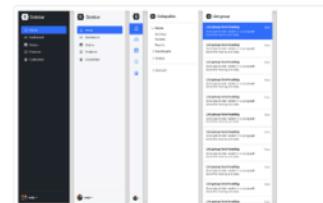
Heroes

Set the stage on your homepage with heroes that feature clear calls to action.



Features

Explain the features, benefits, or other details in your marketing content.

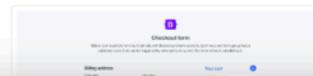


Sidebars

Common navigation patterns ideal for offcanvas or multi-column layouts.

Custom Components

Brand new components and templates to help folks quickly get started with Bootstrap and demonstrate best practices for adding onto the framework.



<https://getbootstrap.com/docs/5.0/examples/>



Sign-in

Custom form layout and design for a simple sign in form.



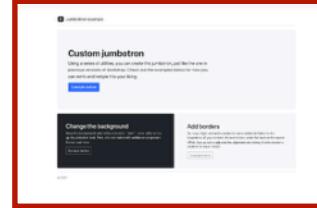
Sticky footer

Attach a footer to the bottom of the viewport when page content is short.



Sticky footer navbar

Attach a footer to the bottom of the viewport with a fixed top navbar.

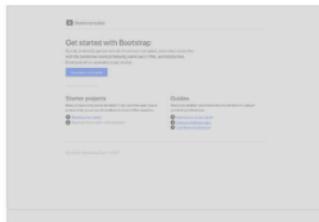


Jumbotron

Use utilities to recreate and enhance Bootstrap 4's jumbotron.

Framework

Examples that focus on implementing uses of built-in components provided by Bootstrap.



Starter template

Nothing but the basics: compiled CSS and JavaScript.



Grid

Multiple examples of grid layouts with all four tiers, nesting, and more.



Cheatsheet

Kitchen sink of Bootstrap components.

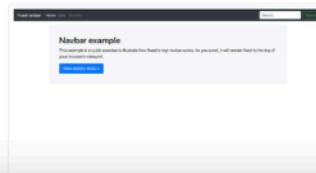
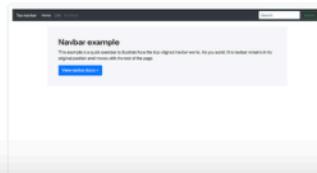


Cheatsheet RTL

Kitchen sink of Bootstrap components, RTL.

Navbars

Taking the default navbar component and showing how it can be moved, placed, and extended.



Jumbotron example

Custom jumbotron

Using a series of utilities, you can create this jumbotron, just like the one in previous versions of Bootstrap. Check out the examples below for how you can remix and restyle it to your liking.

[Example button](#)

Change the background

Swap the background-color utility and add a `.text-*` color utility to mix up the jumbotron look. Then, mix and match with additional component themes and more.

[Example button](#)

Add borders

Or, keep it light and add a border for some added definition to the boundaries of your content. Be sure to look under the hood at the source HTML here as we've adjusted the alignment and sizing of both column's content for equal-height.

[Example button](#)

[BS5 Buttons](#)[BS5 Button Groups](#)[BS5 Badges](#)[BS5 Progress Bars](#)[BS5 Spinners](#)[BS5 Pagination](#)[BS5 List Groups](#)[BS5 Cards](#)[BS5 Dropdowns](#)[BS5 Collapse](#)[BS5 Navs](#)[BS5 Navbar](#)[BS5 Carousel](#)[BS5 Modal](#)[BS5 Tooltip](#)[BS5 Popover](#)[BS5 Toast](#)[BS5 Scrollspy](#)[BS5 Offcanvas](#)[BS5 Utilities](#)[BS5 Flex](#)

Bootstrap 5 Forms

[BS5 Forms](#)[BS5 Select Menus](#)

<div> element with class="collapse navbar-collapse", followed by an id that matches the data-bs-target of the button: "thetarget".

Example

```
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
  <div class="container-fluid">
    <a class="navbar-brand" href="#">Logo</a>
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#collapsibleNavbar">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="collapsibleNavbar">
      <ul class="navbar-nav">
        <li class="nav-item">
          <a class="nav-link" href="#">Link</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Link</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Link</a>
        </li>
      </ul>
    </div>
  </div>
</nav>
```

https://www.w3schools.com/bootstrap5/bootstrap_navbar.php



Custom jumbotron

Using a series of utilities, you can create this jumbotron, just like the one in previous versions of Bootstrap. Check out the examples below for how you can remix and restyle it to your liking.

[Example button](#)

Change the background

Swap the background-color utility and add a `text-*` color utility to mix up the jumbotron look. Then, mix and match with additional component themes and more.

[Example button](#)

Add borders

Or, keep it light and add a border for some added definition to the boundaries of your content. Be sure to look under the hood at the source HTML here as we've adjusted the alignment and sizing of both column's content for equal-height.

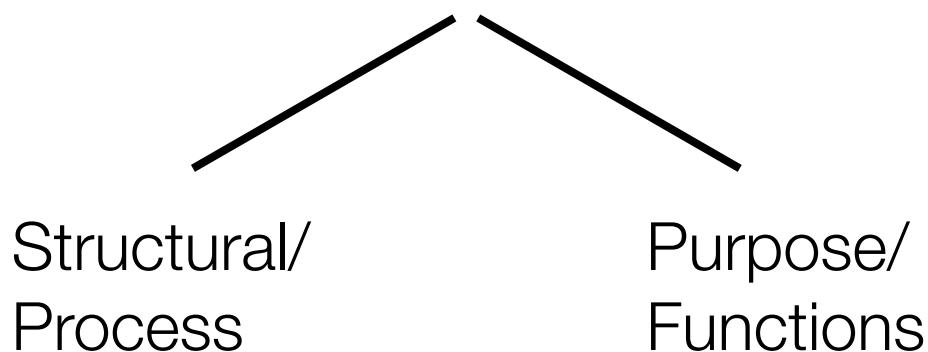
[Example button](#)

Content Management System (CMS)

What is a content management system (CMS)?

A web-based system for managing the production, storage, maintenance, presentation, consumption, sharing, and tracking of website information.

Why do we need a CMS?

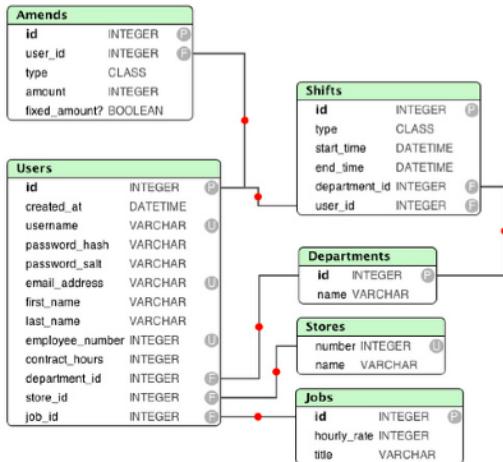


**Understand content management
structure and process through the
MVC components.**

Source: commons.wikimedia.org



Source: [Caius Durling \(Flickr\)](https://flic.kr)

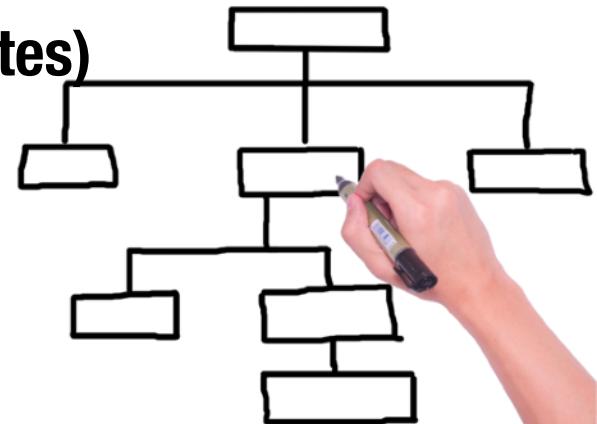


M(odel)
(e.g. database, table, relationships)



V(iew)
(e.g. theme and templates)

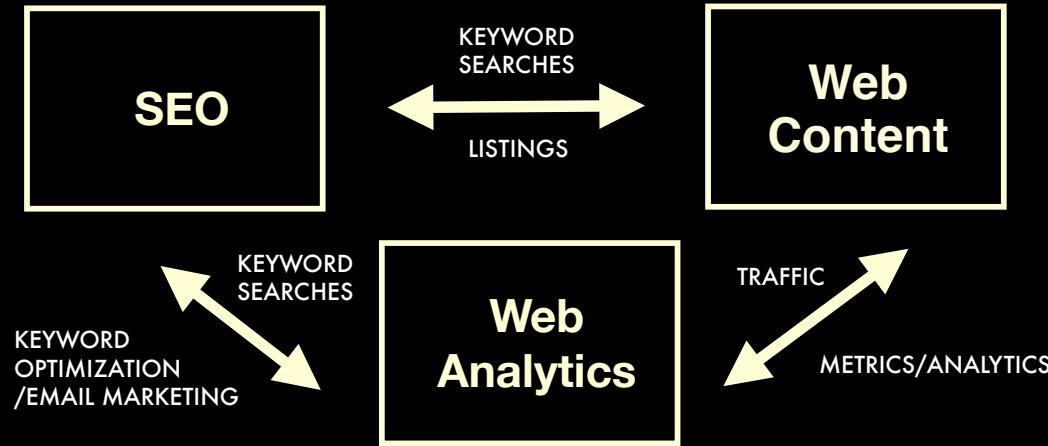
Source: pexels.com



C(ontroller)
(e.g. sitemap, navbar, routes)

**Understand content management
purpose and functions through
Web Content, SEO and Analytics
Integration.**

SEO and Web Analytics



- Web analytics tell you whether your web pages attract traffic (eye balls) or not.
- With feedbacks provided by web analytics, you make changes to your web pages, site structure, title, meta-tag, key word, and link strategies.

Popular **PHP** and **Python** Based CMS Software



WORDPRESS



PHP Based



Python Based

CMS stores data in a database.

Browser

Screen Display



Web Server

HTML/CSS/JS

Dynamic Website (CMS)



Database Server

Data

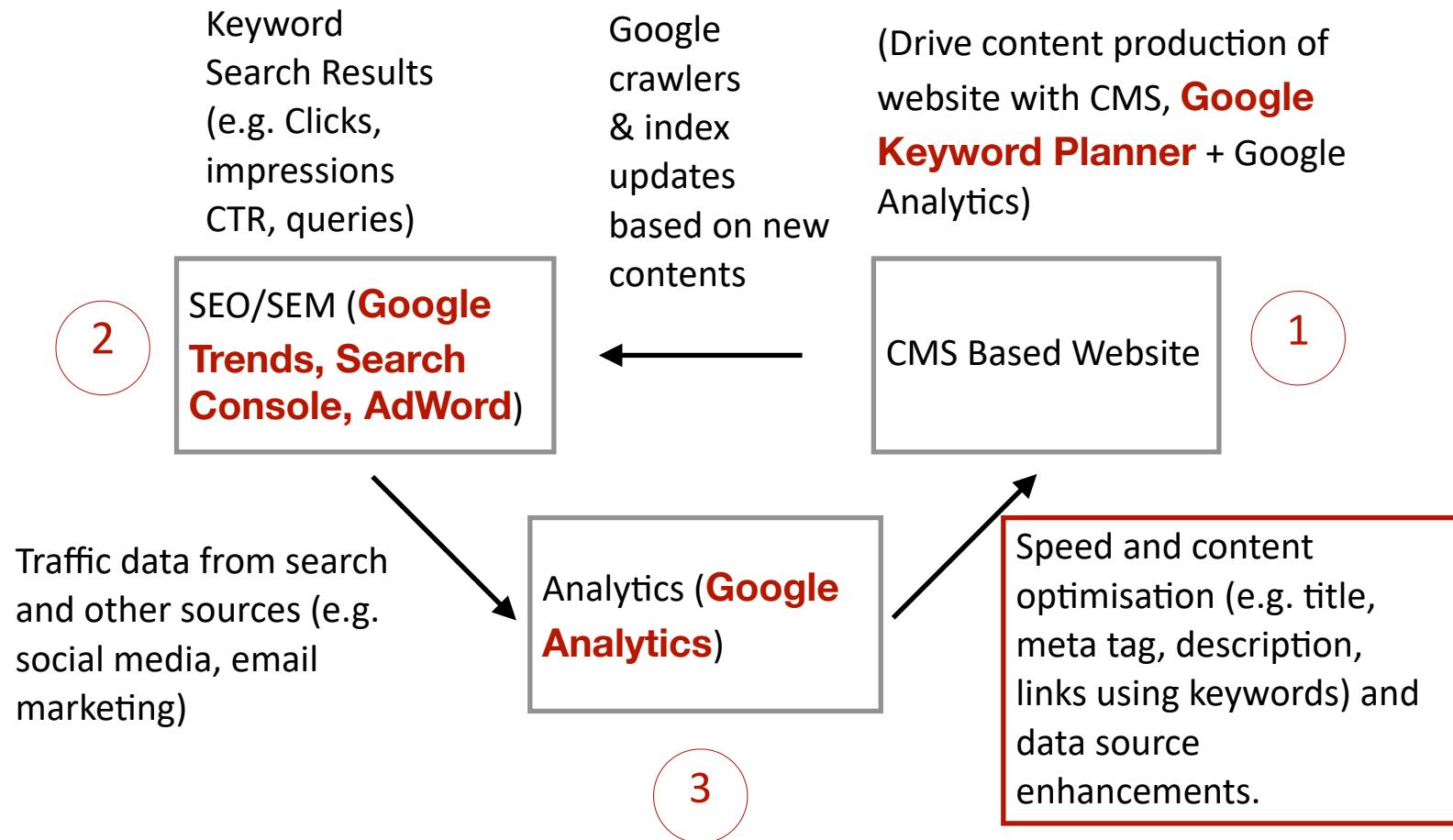


```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="utf-8">
5 <title> A Tiny HTML Document </title>
6 <link href = "styles.css" rel="stylesheet">
7 <script src="scripts.js"></script>
8 </head>
9
10 <body>
11 <p>Let's rock the browser, HTML5 style.</p>
12 </body>
13 </html>
```

ID	PHONE	POPULARNAME	PREFERREDNAME	LATITUDE	LONGITUDE
1194620	00994614	popular_name_00994614	preferred_name_00994614	23.789875	88.897985
1194621	00994615	popular_name_00994615	preferred_name_00994615	23.789875	88.897985
1194622	00994616	popular_name_00994616	preferred_name_00994616	23.789875	88.897985
1194623	00994617	popular_name_00994617	preferred_name_00994617	23.789875	88.897985
1194624	00994618	popular_name_00994618	preferred_name_00994618	23.789875	88.897985
1194625	00994619	popular_name_00994619	preferred_name_00994619	23.789875	88.897985
1194626	00994620	popular_name_00994620	preferred_name_00994620	23.789875	88.897985
1194627	00994621	popular_name_00994621	preferred_name_00994621	23.789875	88.897985
1194628	00994622	popular_name_00994622	preferred_name_00994622	23.789875	88.897985
1194629	00994623	popular_name_00994623	preferred_name_00994623	23.789875	88.897985
1194630	00994624	popular_name_00994624	preferred_name_00994624	23.789875	88.897985
1194631	00994625	popular_name_00994625	preferred_name_00994625	23.789875	88.897985

Source: [CMS Web Design: A Guide to Dynamic Content Applications](#)

Tools for SEO/SEM introduced in this class:
Google Keyword Planner, Ubersuggest,
Google Search Console, and Google
Analytics



Assignment 1 Assignment 2 Assignment 3 Assignment 4 Assignment 5

Assignment 2



2014 NBA Draft

• 2013 NBA Draft • 2015 NBA Draft •

Date: Thursday, June 26, 2014
Location: New York, New York
Number of Picks: 60 (53 played in NBA)
First Overall Pick: Andrew Wiggins (64.0 Win Share)
Most Win Shares: N. Jokic (71.6), C. Gordon (62.9) and J. Embiid (43.7)
All-Stars: L. Embiid, N. Jokic, Z. Latvala, J. Randolph and A. Wiggins

Col_Player	Col_College	Col_Games	Col_Yrs	Games/Hrns	Points	Avg_Pts/Yr
0	Zach Lavine	USA	478	8	58.75	9485
1	Joel Embiid	Kansas	323	6	54.67	8325
2	Andrew Wiggins	Kansas	598	8	74.75	11519
3	Jarrett Culver	Kentucky	518	8	64.75	9181
4	Jordan Clarkson	Missouri	690	8	76.00	9219
5	Jabari Parker	Duke	310	8	36.75	4386
6	T.J. Warren	NC State	332	7	47.43	9142
7	Aaron Gordon	Arizona	528	8	66.00	6987
8	Spencer Dinwiddie	Colorado	387	8	48.50	6042
9	Gary Harris	Michigan State	498	8	58.50	9336
10	Jerami Grant	Syracuse	525	8	69.50	9329
						91.23
						99.16

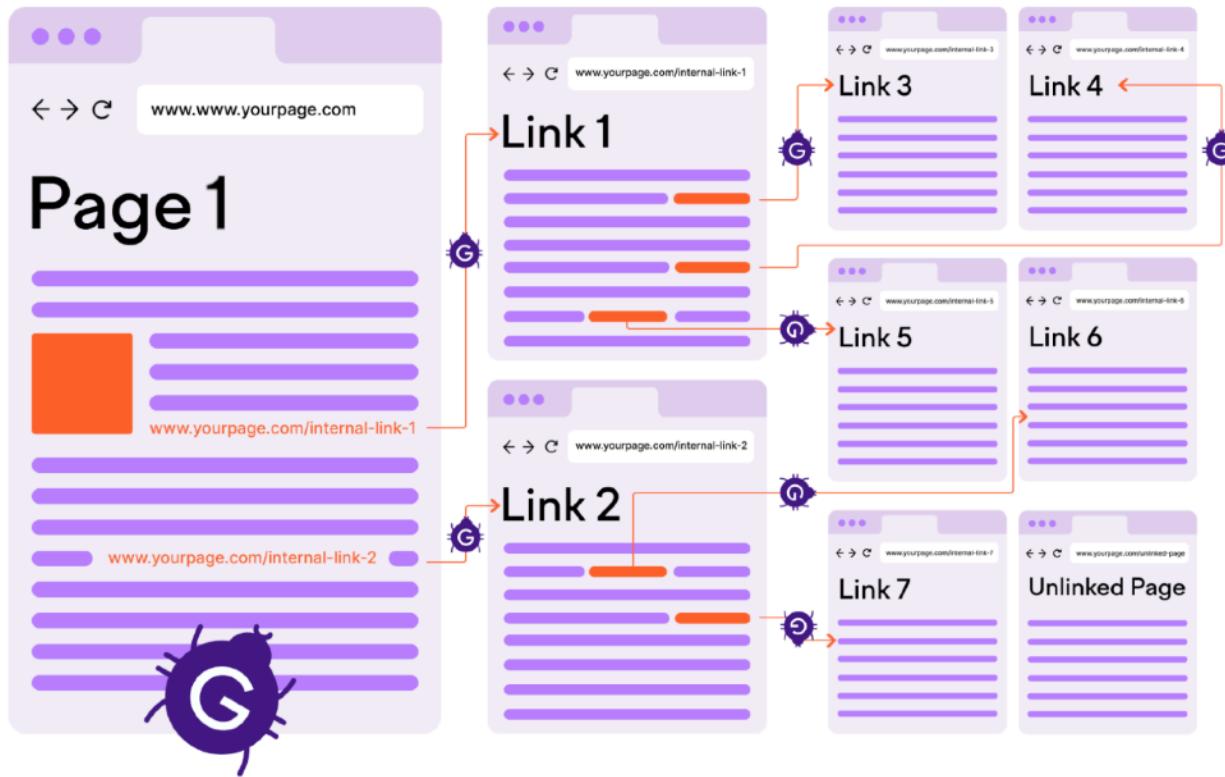
There are many NBA fans out there who like to track how well their favourite college players and affiliated college teams are doing before being drafted. The above charts summarize the top 10 players and top 10 colleges with the highest average

My Journals

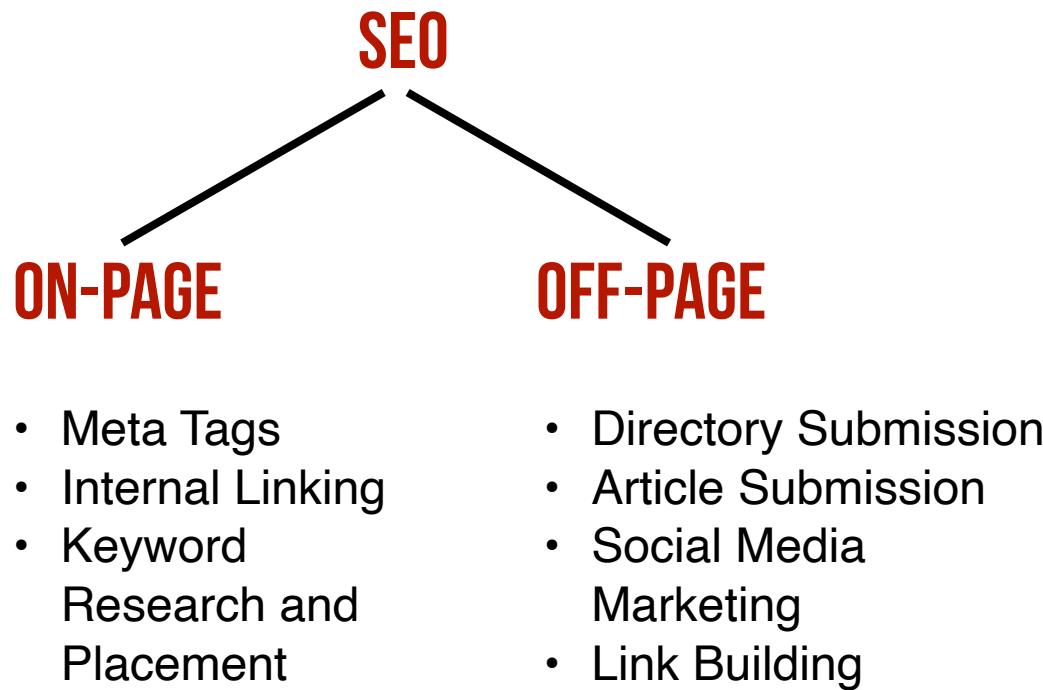
Making Remote Works
Collaborative and Accountable
Rethink.Digital Transformation

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>SQL for NBA Draft Analysis</title>
    <meta name="description" content="All about using SQL for aggregate analysis and ranking of NBA Draft data.">
    <meta name="keywords" content="SQL, aggregated analysis, NBA Draft">
    <link href="style.css" rel="stylesheet">
</head>
```

How Google Discovers Pages



<https://www.semrush.com/blog/internal-links-guide-to-building-strategy-that-works/>



Google Search Console

Welcome to Google Search Console

To start, select property type

 **Domain** new

- All URLs across all subdomains (m., www. ...)
- All URLs across https or http
- Requires DNS verification

Enter domain or subdomain

CONTINUE

 **URL prefix**

- Only URLs under entered address
- Only URLs under specified protocol
- Allows multiple verification methods

Enter URL

CONTINUE

[Already started? finish verification](#)

Welcome to Google Search Console

To start, select property type



Domain (new)

- All URLs across all subdomains (m., www...)
- All URLs across https or http
- Requires DNS verification

example.com
Enter domain or subdomain

CONTINUE

or



URL prefix

- Only URLs under entered address
- Only URLs under specified protocol
- Allows multiple verification methods

https://suentze2020.github.io/Assignment
Enter URL

CONTINUE

[Already started? finish verification](#)

Verify ownership

https://suentze2020.github.io/Assignments/lesson3/

Recommended verification method

HTML file

Upload an HTML file to your website

1. Download the file:

 googlef443cabfd799236c.html

2. Upload to: https://suentze2020.github.io/Assignments/lesson3/

To stay verified, don't remove the file, even after verification succeeds.

[Full details](#)

[VERIFY](#)

Other verification methods

HTML tag

Add a meta tag to your site's home page

Google Analytics

Use your Google Analytics account

Google Tag Manager

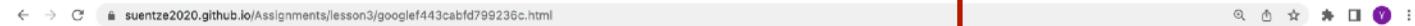
Use your Google Tag Manager account

Domain name provider

Associate a DNS record with Google

[REMOVE PROPERTY](#)

[DONE](#)



A screenshot of a web browser window. The address bar shows the URL: "suentze2020.github.io/Assignments/lesson3/googlef443cabfd799236c.html". The main content area of the browser is highlighted with a red rectangular box. Inside this box, the text "google-site-verification: googlef443cabfd799236c.html" is displayed.

google-site-verification: googlef443cabfd799236c.html

main ▾

Assignments / lesson3 /

Go to file

Add file ▾

...



suentze2020 Search console validation ...

● f7ec47f 9 minutes ago ⏲ History

..

assign2.html

Assignment #2 Demo Upload

15 days ago

assign3.html

Lesson 3 - Demonstration of 1st Assignment

21 days ago

assign4.html

Lesson 3 - Demonstration of 1st Assignment

21 days ago

assign5.html

Lesson 3 - Demonstration of 1st Assignment

21 days ago

frontend-c3bacad8.png

Assignment #2 Demo Upload

15 days ago

googlef443cabfd799236c.html

Search console validation

9 minutes ago

index.html

Assignment #2 Demo Upload

15 days ago

nba_results_2014.png

Assignment #2 Demo Upload

15 days ago

style.css

Assignment #2 Demo Upload

15 days ago

Verify ownership

https://suentze2020.github.io/Assignments/lesson3/

Recommended verification method

HTML file

Upload an HTML file to your website

1. Download the file: [googlef443cabfd799236c.html](#)
2. Upload to: https://suentze2020.github.io/Assignments/lesson3/

To stay verified, don't remove the file, even after verification succeeds.

[Full details](#)

VERIFY

Other verification methods

HTML tag

Add a meta tag to your site's home page

Google Analytics

Use your Google Analytics account

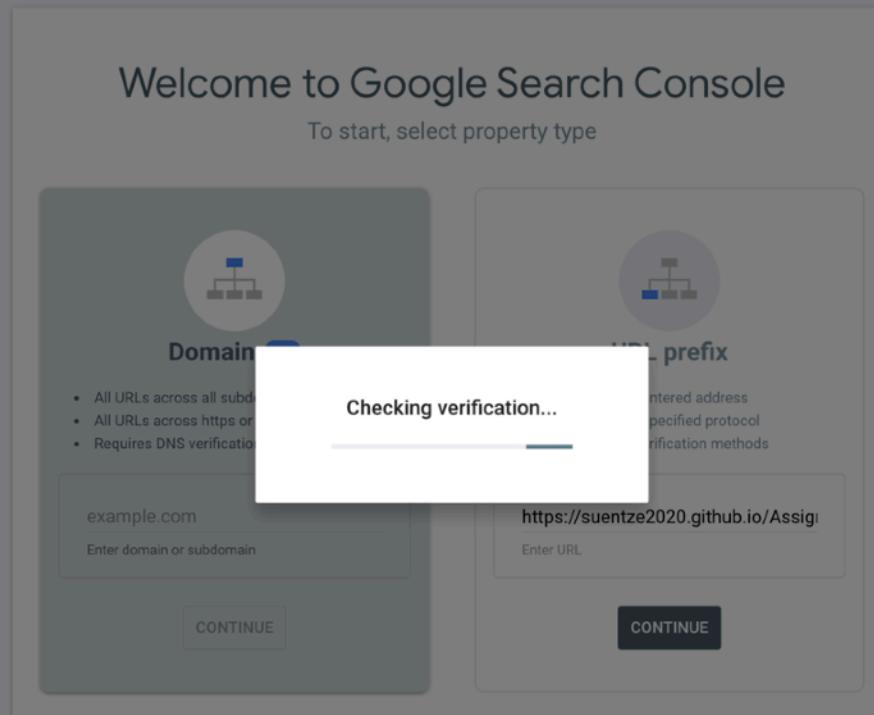
Google Tag Manager

Use your Google Tag Manager account

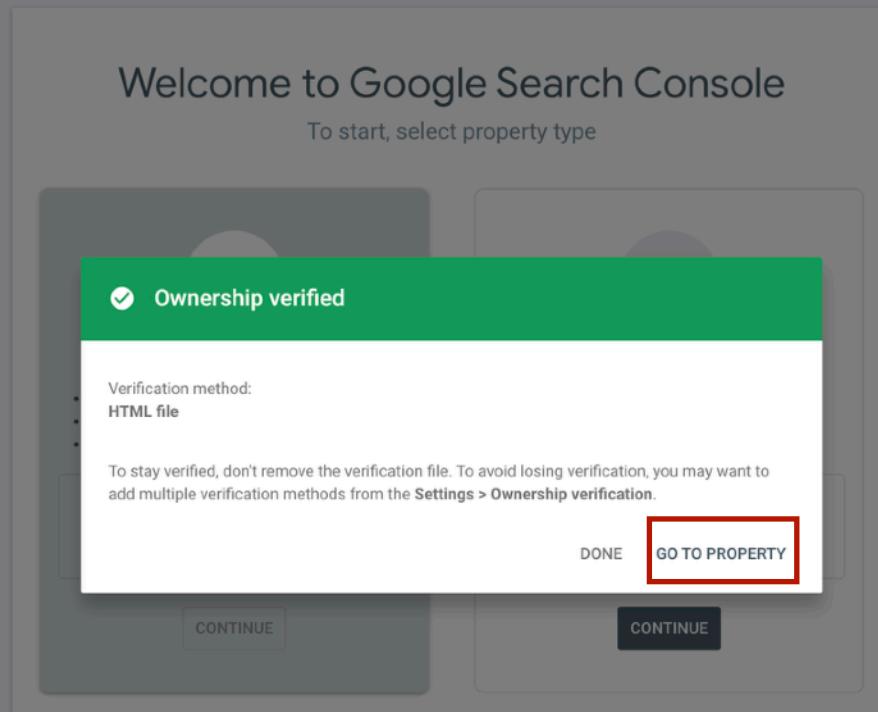
Domain name provider

Associate a DNS record with Google

[REMOVE PROPERTY](#) [DONE](#)



Already started? [finish verification](#)



Already started? [finish verification](#)

[https://suentze2020...](#)

Overview

[Overview](#)[Performance](#)[URL inspection](#)[Index](#)[Pages](#)[Sitemaps](#)[Removals](#)[Experience](#)[Page Experience](#)[Core Web Vitals](#)[Security & Manual Actions](#)[Legacy tools and reports](#)[Links](#)[Settings](#)[Submit feedback](#)[About Search Console](#) Track your site's most popular content[Search Console Insights](#)

Performance

[Full report >](#)

Processing data, please check again in a day or so

Index



Processing data, please check again in a day or so

Inspect any URL in "https://suentze2020.github.io/Assignments/lesson3/"



Performance

Search type: Web

Date: Last 3 months

+ New

Overview

Performance

URL inspection

Index

Pages

Sitemaps

Removals

Experience

Page Experience

Core Web Vitals

Security & Manual Actions

Legacy tools and reports

Links

Settings

Submit feedback

About Search Console

Privacy Terms



Processing data, please check again in a day or so

QUERIES

PAGES

COUNTRIES

DEVICES

SEARCH A

Top queries

No data

Get started using Search Console with
https://suentze2020.github.io/Assignments/lesson3/

Oct 23, 2022 • General

Sent to you directly

Now that you've verified your site in [Search Console](#) (or created a site in Blogger or Google Sites, which verified your site for you) we have some tips to help you use Search Console more effectively.

Get started with Search Console:

- 1 Ensure that all your URLs are covered
Ensure that all your site's pages are covered in Search Console, either by creating a [Domain property](#) (recommended) or by adding separate Search Console properties for all https, http, www, and non-www variations that your site supports.

Add site variations

- 2 Share access with co-workers
If you want other people to access your error reports and search analytics in Search Console, grant them access to the Search Console property.

Add users

- 3 Submit a sitemap file
This helps Google better understand which URLs exist on your site. If you are using a website hosting service they might

Submit a sitemap

Sitemaps

[Overview](#)[Performance](#)[URL inspection](#)[Index](#)[Pages](#)[Sitemaps](#)[Removals](#)[Experience](#)[Page Experience](#)[Core Web Vitals](#)[Security & Manual Actions](#)[Legacy tools and reports](#)[Links](#)[Settings](#)[Submit feedback](#)[About Search Console](#)

Add a new sitemap

https://suentze2020.github.io/Assignments/lesson3/ [SUBMIT](#)

Submitted sitemaps

Sitemap	Type	Submitted	Last read	Status	Discovered URLs
---------	------	-----------	-----------	--------	-----------------

Rows per page: 10 0-0 of 0 < >



Just enter your website URL to create a sitemap

[START](#)[Why do you need a sitemap? ▾](#)[More options ▾](#)

Online Generator

Free and simple

Suitable when you need to quickly create a sitemap for a small web site (up to 500) pages.

No registration required and you get sitemaps ready immediately.

You can download xml sitemap file or receive it via email and put it on your website after that.

You are on the online generator home page right now, just enter your website URL using the form above and click "START" to proceed!



PRO Sitemaps

Powerful, yet easy to use

Free account provides you everything you get with Online generator and allows you to:

- submit sitemap directly from our servers
- update sitemap without reuploading it to your website
- easily manage multiple websites

Upgraded account will let you:

- index up to 1,500,000 pages
- automatically update sitemap
- create Images, Videos, News sitemaps and RSS feed
- detect and list broken links on your site
- ...and many other features!

[VIEW DETAILS](#)

PHP Script

Installable version

We offer a server-side script written in PHP language that you can install on your server and create sitemap for your website.

The script doesn't have the limit on number of pages included in sitemap, although server resources required to create sitemap depend on the website size.

There are add-ons for it to create images, video and news sitemaps.

* Please note that sitemap generator can be used for own personal website only, i.e. it cannot be used to create sitemaps for 3rd party sites or provided as a service.

[VIEW DETAILS](#)

Source: <https://www.xml-sitemaps.com/>



✓ Completed!

0:06 0:00
PASSED REMAINING6 6 0
SCANNED ADDED QUEUED[VIEW SITEMAP DETAILS](#)

CLOSE

Check this while crawling is in progress

Use our PRO Sitemaps service to maintain your sitemap (free 500 pages account)

Online Generator

Free and simple

Suitable when you need to quickly create a sitemap for a small web site (up to 500) pages.

No registration required and you get sitemaps ready immediately.

You can download xml sitemap file or receive it via email and put it on your website after that.

You are on the online generator home page right now, just enter your website URL using the form above and click "START" to proceed!

PRO Sitemaps

Powerful, yet easy to use

Free account provides you everything you get with Online generator and allows you to:

- submit sitemap directly from our servers
- update sitemap without reuploading it to your website
- easily manage multiple websites

Upgraded account will let you:

- index up to 1,500,000 pages
- automatically update sitemap
- create Images, Videos, News sitemaps and RSS feed
- detect and list broken links on your site
- ...and many other features!

[VIEW DETAILS](#)

PHP Script

Installable version

We offer a server-side script written in PHP language that you can install on your server and create sitemap for your website.

The script doesn't have the limit on number of pages included in sitemap, although server resources required to create sitemap depend on the website size.

There are add-ons for it to create images, video and news sitemaps.

* Please note that sitemap generator can be used for own personal website only, i.e. it cannot be used to create sitemaps for 3rd party sites or provided as a service.

[VIEW DETAILS](#)

Sitemap Details

<https://suentze2020.github.io/Assignments/lesson3/>

What's next?

[DOWNLOAD YOUR XML SITEMAP FILE](#)

Upload it into the domain root folder of your website.

Then open [Google Search console](#) and add your sitemap URL. On Page SEO Checker for
SUENTZE2020.GITHUB.IO Sitemap Details

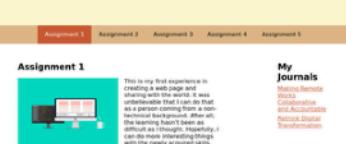
Created on: **23 October 2022, 13:41**
Processing ti... **0:00:01s**
Pages indexed: **6 (crawled: 6)**
Pages size: **0.01Mb**
Broken links: **None**



Sitemap Preview

[VIEW FULL XML SITEMAP](#)

URL	Last Mod	Priority
https://suentze2020.github.io/Assignments/lesson3/	2022-10-23T13:12:14+00:00	1.00
https://suentze2020.github.io/Assignments/lesson3/index.html	2022-10-23T13:12:14+00:00	0.80
https://suentze2020.github.io/Assignments/lesson3/assign2.html	2022-10-23T13:12:14+00:00	0.80
https://suentze2020.github.io/Assignments/lesson3/assign3.html	2022-10-23T13:12:14+00:00	0.80
https://suentze2020.github.io/Assignments/lesson3/assign4.html	2022-10-23T13:12:14+00:00	0.80
https://suentze2020.github.io/Assignments/lesson3/assign5.html	2022-10-23T13:12:14+00:00	0.80



Assignment 1

This is my first experience in creating a portfolio website for sharing with the world. It was challenging to learn how to code as a person coming from a non-technical background. I think the learning hasn't been as effective as I wanted it to be. I can do more interesting things if I have more time to practice.

My current design for the first assignment is based on one main idea: How can I make my creative works more accessible and inspiring to people? I decided to keep the horizontal navigation bar with the current navigation option (dropdown menu) because it's familiar to most people.

Simplicity is important but at the same time, the everlasting impact my works create, is equally so. I still have to work harder on both. They are two sides of the coin, bright people and more fun writing to see my works more.

More details about my design can be found [here](#).

My Journals

- Assignment 1
- Assignment 2
- Assignment 3
- Assignment 4
- Assignment 5

main ▾

Assignments / lesson3 /

Go to file

Add file ▾

...

 suentze2020 Upload sitemap.xml ...

● 4b1d38f 32 seconds ago ⏺ History

..

 assign2.html	Assignment #2 Demo Upload	15 days ago
 assign3.html	Lesson 3 - Demonstration of 1st Assignment	21 days ago
 assign4.html	Lesson 3 - Demonstration of 1st Assignment	21 days ago
 assign5.html	Lesson 3 - Demonstration of 1st Assignment	21 days ago
 frontend-c3bacad8.png	Assignment #2 Demo Upload	15 days ago
 googlef443cabfd799236c.html	Search console validation	32 minutes ago
 index.html	Assignment #2 Demo Upload	15 days ago
 nba_results_2014.png	Assignment #2 Demo Upload	15 days ago
 sitemap.xml	Upload sitemap.xml	32 seconds ago
 style.css	Assignment #2 Demo Upload	15 days ago



© 2022 GitHub, Inc.

Terms

Privacy

Security

Status

Docs

Contact GitHub

Pricing

API

Training

Blog

About

[https://suentze2020...](https://suentze2020.github.io/)

Sitemaps

[Overview](#)[Performance](#)[URL inspection](#)[Index](#)[Pages](#)[Sitemaps](#)[Removals](#)[Experience](#)[Page Experience](#)[Core Web Vitals](#)[Security & Manual Actions](#)[Legacy tools and reports](#)[Links](#)[Settings](#)[Submit feedback](#)[About Search Console](#)[Privacy](#)[Terms](#)

Add a new sitemap

https://suentze2020.github.io/Assignments/lesson3/

sitemap.xml

SUBMIT

Submitted sitemaps

Sitemap	Type	Submitted	Last read	Status	Discovered URLs
---------	------	-----------	-----------	--------	-----------------

Rows per page: 10 0-0 of 0 < >

Sitemaps

Add a new sitemap

https://suentze2020.github.io/Assignments/lesson3/ sitemap.xml

SUBMIT

Submitted sitemaps

Sitemap

Status

Discovered URLs

Rows per page: 10 < >

Submitting Sitemap

Overview

Performance

URL inspection

Index

Pages

Sitemaps

Removals

Experience

Page Experience

Core Web Vitals

Security & Manual Actions

Legacy tools and reports

Links

Settings

Submit feedback

About Search Console

Sitemaps

[Overview](#)[Performance](#)[URL inspection](#)

Index

[Pages](#)[Sitemaps](#)[Removals](#)

Experience

[Page Experience](#)[Core Web Vitals](#)

Security & Manual Actions

Legacy tools and reports

[Links](#)[Settings](#)[Submit feedback](#)[About Search Console](#)

Add a new sitemap

<https://suentze2020.github.io/Assignments/lesson3/> **sitemap.xml****SUBMIT**

Submitted sitemaps

Sitemap submitted successfully

Google will periodically process it and look for changes. You will be notified if anything goes wrong with it in the future.

GOT IT

Sitemaps

[Overview](#)[Performance](#)[URL inspection](#)

Index

[Pages](#)[Sitemaps](#)[Removals](#)

Experience

[Page Experience](#)[Core Web Vitals](#)

Security & Manual Actions

Legacy tools and reports

[Links](#)[Settings](#)[Submit feedback](#)[About Search Console](#)

Add a new sitemap

https://suentze2020.github.io/Assignments/lesson3/ Enter sitemap URL

[SUBMIT](#)

Submitted sitemaps

Sitemap	Type	Submitted	Last read	Status	Discovered URLs
/sitemap.xml	Sitemap	Oct 23, 2022	Oct 23, 2022	Success	6

Rows per page: 10 1-1 of 1 < >

Success

Inspect any URL in "https://suentze2020.github.io/Assignments/lesson3/"

[https://suentze2020... ▾](https://suentze2020.github.io/Assignments/lesson3/)

Performance

[EXPORT](#)[Overview](#)[Performance](#)[URL inspection](#)

Index

[Pages](#)[Sitemaps](#)[Removals](#)

Experience

[Page Experience](#)[Core Web Vitals](#)[Security & Manual Actions](#)[Legacy tools and reports](#)[Links](#)[Settings](#)[Submit feedback](#)[About Search Console](#)[Privacy](#) [Terms](#)Search type: Web [Edit](#)Date: Last 3 months [Edit](#)[+ New](#)Last updated: 6 hours ago [Edit](#)

Processing data, please check again in a day or so

QUERIES

PAGES

COUNTRIES

DEVICES

SEARCH APPEARANCE

DATES

Top queries

Clicks Impressions

No data

SEO Case Studies



CREATIVITY LAB

Go Green ! Be Sunny!



Log in

Booking

COMMUNITY

IDEA

ACTION

EVENT

攝影基礎及實戰技巧工作坊

攝影文化與日常生活息息相關，專業的數碼單鏡反光相機(DSLR)逐漸普及，人人也可充當記者、攝影師，從記錄社會事件甚至把身邊一切由瞬間變成永恆。c!ab將帶你解構攝影的迷人之處，認識數碼相機的運作原理並一同於中大校園內進行風景拍攝，發掘及訓練自己的「攝影眼」。

攝影基礎及實戰技巧工作坊

c!ab is organizing a photography workshop for college students who are looking to better understand...

more

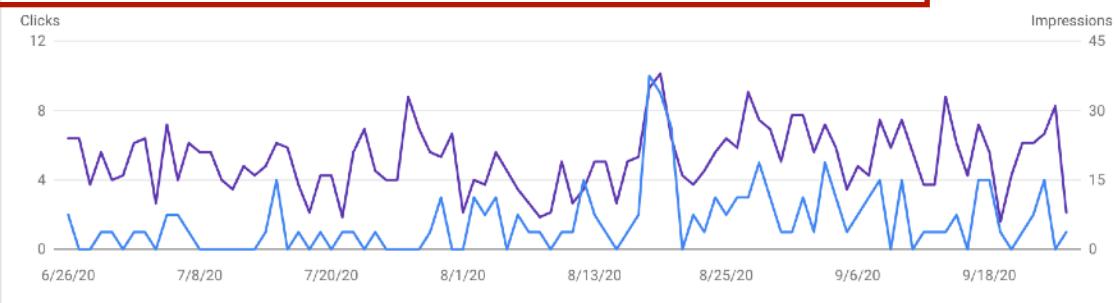
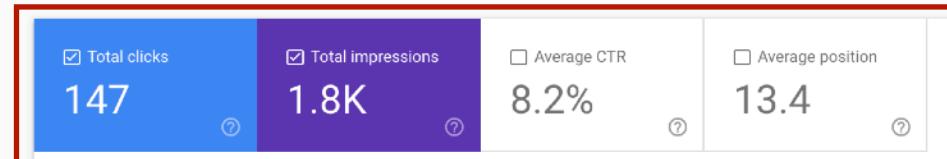
<https://clab.wys.cuhk.edu.hk/>

<https://clab.wys.cuhk.edu.hk/>

Performance

[EXPORT](#)[Overview](#)[Search type: Web](#) [Date: Last 3 months](#) [+ NEW](#)

Last updated: 10 hours ago

[Performance](#)[URL inspection](#)[Index](#)[Coverage](#)[Sitemaps](#)[Removals](#)[Enhancements](#)[Core Web Vitals](#)[Mobile Usability](#)[Security & Manual Actions](#)[Legacy tools and reports](#)[Links](#)[Settings](#)[Submit feedback](#)[QUERIES](#)[PAGES](#)[COUNTRIES](#)[DEVICES](#)[SEARCH APPEARANCE](#)[DATES](#)

Query

↓ Clicks

Impressions

喘key

4

75

Source: <https://support.google.com/webmasters/answer/7042828#position>



https://clab.wys.cuhk.edu.hk/

Performance

EXPORT

Overview

Performance

URL inspection

Index

Coverage

Sitemaps

Removals

Enhancements

Core Web Vitals

Mobile Usability

Security & Manual Actions

Legacy tools and reports

Links

Settings

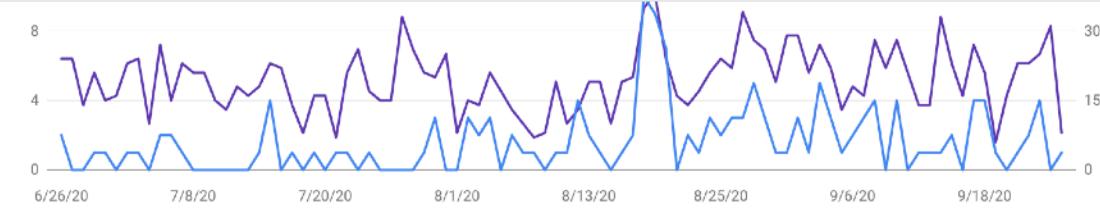
Submit feedback

Search type: Web

Date: Last 3 months

+ NEW

Last updated: 10 hours ago



QUERIES	PAGES	COUNTRIES	DEVICES	SEARCH APPEARANCE	DATES
Country				↓ Clicks	Impressions
Hong Kong				137	1,154
Taiwan				5	94
United States				2	71
Japan				2	16
Unknown Region				1	9

<https://clab.wys.cuhk.edu.hk/>

Performance

[EXPORT](#)[Overview](#)[Performance](#)[URL inspection](#)

Index

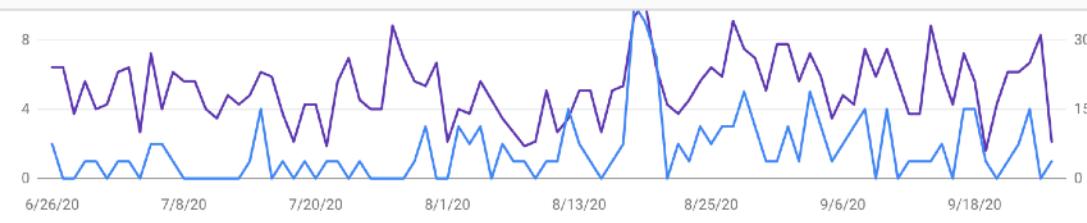
[Coverage](#)[Sitemaps](#)[Removals](#)

Enhancements

[Core Web Vitals](#)[Mobile Usability](#)

Security & Manual Actions

Legacy tools and reports

[Links](#)[Settings](#)[Submit feedback](#)Search type: Web Date: Last 3 months [+ NEW](#)Last updated: 10 hours ago 

QUERIES	PAGES	COUNTRIES	DEVICES	SEARCH APPEARANCE	DATES
					
Device				↓ Clicks	Impressions
Desktop				96	1,080
Mobile				49	696
Tablet				2	21
Rows per page: 10 1-3 of 3 					



Inspect any URL in "https://clab.wys.cuhk.edu.hk/"



https://clab.wys.cuhk.edu.hk/

Performance

EXPORT

Overview

Performance

URL inspection

Index

Coverage

Sitemaps

Removals

Enhancements

Core Web Vitals

Mobile Usability

Security & Manual Actions

Legacy tools and reports

Links

Settings

Submit feedback

Search type: Web

Date: Last 3 months

+ NEW

Last updated: 10 hours ago

Query	↓ Clicks	Impressions
咁key	4	75
clab	1	69
weleap	1	17
戴耳塞 開鐘	1	2
cu bus	0	22
hair gel brush	0	21
bokeh filter	0	19
nothiny	0	18
hair brush with hair remover	0	16
semhh0n19la -site:youtube.com	0	14

Performing SEO/SEM Research Using Keyword Planner and Ubersuggest Chrome Extension



KEYWORD PLANNER

Choose the right keywords

The right keywords can get your ad in front of the right customers, and Google Ads Keyword Planner is here to help.

[Go to Keyword Planner](#)

summer apparel

Get ideas

 Sandals Bathing suits Jean shorts

How Keyword Planner works

Get help with keyword research and selecting the right terms.

<https://ads.google.com/home/tools/keyword-planner/>

Google Search Console



Inspect any URL in "https://clab.wys.cuhk.edu.hk/"



https://clab.wys.cuhk.edu.hk/

Performance

EXPORT

Overview

Performance

URL inspection

Index

Coverage

Sitemaps

Removals

Enhancements

Core Web Vitals

Mobile Usability

Security & Manual Actions

Legacy tools and reports

Links

Settings

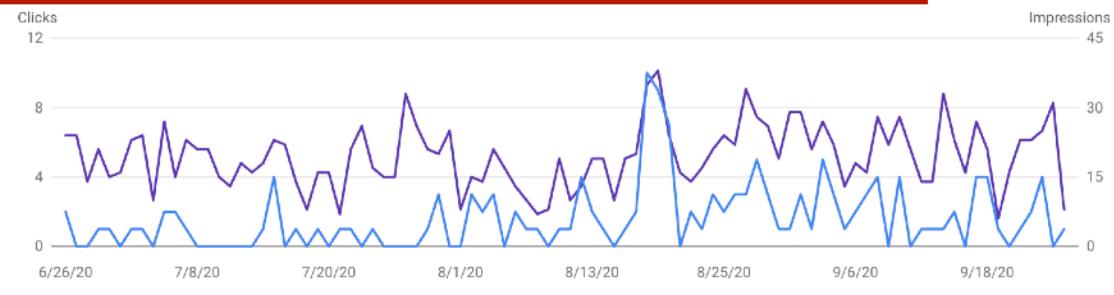
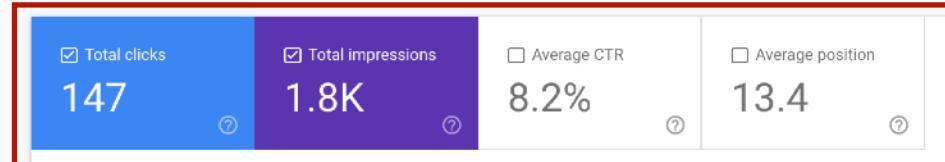
Submit feedback

Search type: Web

Date: Last 3 months

+ NEW

Last updated: 10 hours ago



QUERIES

PAGES

COUNTRIES

DEVICES

SEARCH APPEARANCE

DATES

Query

↓ Clicks

Impressions

喘key

4

75

Discover new keywords

Get keyword ideas that can help you reach people interested in your product or service

**Get search volume and forecasts**

Let's go

Click the **Discover new keywords** card to begin.

1/5 ▾

s for
ey

**PLANS CREATED BY YOU****PLANS SHARED WITH YOU**

ADD FILTER



COLUMNS



Plan

Status

Last modified ↓

Forecast period

Find new keyword ideas, get search volumes and create a plan

< 1 / 2 > ! None of your ads are running - Your campaigns and ad groups are paused or removed. Enable them to begin showing your ads.

[LEARN MORE](#)

:

Keyword ideas

Grouped ideas

Plan overview

Ad Groups

Keywords

Locations

Plan settings ⓘ Plan name: Plan from Sep 28, 2... Locations: Hong Kong Language: All languages Search networks: Google Next month 1 - 31 Oct 2020

FORECASTS

NEGATIVE KEYWORDS

HISTORICAL METRICS

Saved 1 minute ago

CREATE CAMPAIGN



Clicks

Impressions

Cost

CTR

Avg. CPC

Avg. Position

45

2.8K

HK\$680

1.6%

HK\$15

0.99

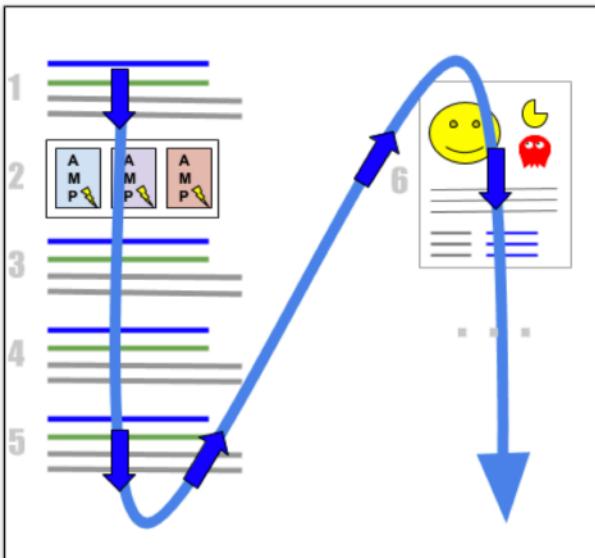
+ Add conversion metrics

Daily Budget: HK\$67



<input type="checkbox"/> Keyword ↑	Ad group	Max. CPC	Clicks	Impressions	Cost	CTR	Avg. CPC
<input type="checkbox"/> [code]	Ad group 1	HK\$79.50	1.61	29.00	HK\$13.26	5.6%	HK\$8.24
<input type="checkbox"/> [design]	Ad group 1	HK\$79.50	43.72	2,791.95	HK\$669.48	1.6%	HK\$15.31
<input type="checkbox"/> [design and code]	Ad group 1	HK\$79.50	0.00	0.00	HK\$0.00	—	—

Here is a schematic diagram of a search results page on a desktop computer, with several types of results:



Positions 1, 3, 4, 5 are occupied by plain blue links.

Position 2 is occupied by an AMP carousel (a compound element). This carousel has several AMP results, all of which have position 2

Position 6 is occupied by a knowledge panel (a compound element). All links in the panel have position 6.

Average position

The position value shown in the Performance report is the **topmost** position occupied by a link to your property or page in search results, **averaged across all queries** in which your property appeared.

<https://support.google.com/webmasters/answer/7042828#position>

Page Title	URL	Parent Page	Keyword	Purpose	Impressions	Total Clicks	CTR (Click Through Rate)	Cost	PPC (Pay Per Click)	CPC (Cost Per Click)
					1	2	3 = 2 / 1	4 = 5 x 2	5	6
									1. cost of rate paid for the click based on auction result of one ad channel (e.g. Google Ad)	1. Determine the cost of overall advertising. 2. Determine the number of clicks that were gained. 3. Divide the advertising cost by the number of clicks. 4. The result is your CPC, or cost-per-click.



chrome web store



bsysin@gmail.com

ubersuggest



ubersuggest seo

ubersuggest analisis

ubersuggest cpc

ubersuggest analisis seo

ubersug... seo& キー...
ワード

ubersuggest seo&

 ★★★★★ & up[Privacy Policy](#)[Terms of Service](#) Updated[About Chrome Web Store](#)Extensions i[More extensions](#)**Ubersuggest**Get the latest SEO data that will help you grow
your traffic directly on your Google Search results**Ubersuggest - SEO and Keyword Discovery**

Featured

Keyword search volume, CPC and insights for all keywords you search. Works with Google,

★★★★★ 206 Search Tools

**Ubersuggest CPC & Search Volume Enhancer**

cartercole.com

Adds keyword cpc and search volume to ubersuggest results

★★★★★ 11 Search Tools

**Keyword Research use 'k' to start search**

Type 'k' plus a search term into the Omnibox to open UberSuggest in new tab. Options can be found in the dropdown menu.

★★★★★ 3 Search Tools

<https://www.youtube.com/watch?v=zHDATkRygTE>



chrome web store



bsysin@gmail.com

[Home](#) > [Extensions](#) > Ubersuggest - SEO and Keyword Discovery

Ubersuggest - SEO and Keyword Discovery

Featured

 ★★★★☆ 206 | [Search Tools](#) | 400,000+ users[Add to Chrome](#)

Click here to enable extension.

[Overview](#)[Privacy practices](#)[Reviews](#)[Support](#)[Related](#)

Ubersuggest

Backlinks & Social Shares

View the top backlinks and social shares for top ranking sites.

You can see how popular a given URL is based on social share count.

The greater the number, the more popular it is.

Search engine optimization - Wikipedia

URL	Domain Score	Anchor Text
404 Error when Googled! indexing - GoDaddy... au godaddy.com/community/Godaddy-Web-Host...	100	https://en.wikipedia.org/wiki/404_error
404 Error when Googled! indexing - GoDaddy... au godaddy.com/community/Godaddy-Web-Host...	100	https://en.wikipedia.org/wiki/404_error
404 Error when Googled! indexing - GoDaddy... au godaddy.com/community/Godaddy-Web-Host...	100	https://en.wikipedia.org/wiki/404_error
404 Error when Googled! indexing - GoDaddy... au godaddy.com/community/Godaddy-Web-Host...	100	https://en.wikipedia.org/wiki/404_error
404 Error when Googled! indexing - GoDaddy... au godaddy.com/community/Godaddy-Web-Host...	100	https://en.wikipedia.org/wiki/404_error

Next 5 Export Close

劇本殺

Show Volume



generous search limits.

Click here to see more info.

Ad · <https://www.larphome.com/> ▾

旺角劇本殺場地 - LARP Home

解謎推理遊戲**劇本殺**場地，各類**劇本**一應俱全，朋友聚會，認識新朋友，Team Building 首選！歡迎一人或組團報名，店家將為你配對團員。

📍 Mong Kok旺角上海街 426 號萬事昌中心 - Open today · Open 24 hours ▾

Ad · <https://www.larpinghk.com/> ▾

LARPing HK劇本殺遊戲館 - 歡迎立即組團預約

主打高級香港**劇本殺**遊戲體驗，專業主持及華麗場地帶你進入**劇本殺**情景。歡迎公司及團體預約**劇本殺**遊戲到會，可達50人同時進行**劇本殺**遊戲。

[關於我們](#) | [About Us](#) · [立即拼團](#) | [Join Group](#) · [劇本](#) | [Game Menu](#) · [聯絡我們](#) | [Contacts](#)

Ad · <https://www.larpco.hk/> ▾

香港劇本殺 - 啦吽劇本殺

專業主持及演繹團隊，為玩家帶來最佳的臨場體驗，新手、老手都能感受真正的「**劇本殺**」。**劇本殺**專門店，兩個特色房間，一流的玩本配套，嚴選最好的**劇本**，並經繁體重製及改良。

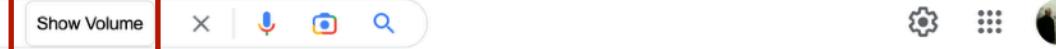
Ad · <https://www.larp-playhard.com/> ▾

香港劇本殺 - Larp PlayHard劇本遊戲館

部分**劇本**提供戲服與情境佈置，有教學及引導，新手也能開心玩！Play Hard，Play Larp！全部繁體**劇本**，已多達180多個**劇本**讓你選擇！提供優質遊戲體驗，專業主持團隊。

<https://zh.wikipedia.org> · 剧本杀 · [Translate this page](#) ::

劇本殺- 維基百科，自由的百科全書



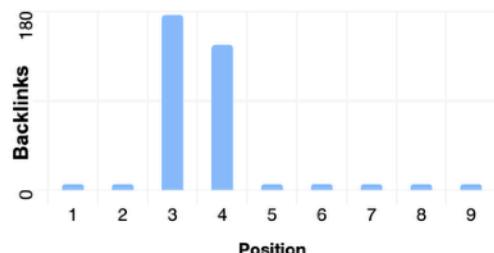
Oversuggest

Export to CSV

SEO Metrics

[Hide Section](#)

[Traffic](#) [Backlinks](#)



Murder mystery game (劇本殺)



Murder mystery games are a genre of party games where one of the players is secretly playing a murderer, while the other players must determine who among them is the criminal. [Wikipedia](#)

[Murder Mystery Party](#)



劇本殺

Monthly searches: 8,100 | CPC: \$2.83



View All ^

Search Volume
8,100SEO Difficulty
50Paid Difficulty
56Cost Per Click
\$2.83

Volume

Mobile Desktop



Click here to see more.

5,323 people click on SEO results



SEO Paid No clicks

Searchers' age range

18-24 25-34 35-44 45-54
55-64 65+ 

All

Videos

Images

News

Shopping

More

Tools

Note: You're about to reach your daily search limits as a free user. You can [Hide](#) the extension until tomorrow or [Log in as an Ubersuggest PRO user](#) to get more generous search limits.

Ad · <https://www.larphome.com/> ▾

旺角劇本殺場地 - 免費提供戲服

解謎推理遊戲**劇本殺**場地，各類**劇本**一應俱全，朋友聚會，認識新朋友，Team Building 首選! 歡迎一人或組團報名，店家將為你配對團員。

📍 Mong Kok旺角上海街 426 號萬事昌中心 - Open today · Open 24 hours ▾

Ad · <https://www.larpco.hk/> ▾

香港劇本殺 - Larp推理遊戲

專業主持及演繹團隊，為玩家帶來最佳的臨場體驗，新手、老手都能感受真正的「**劇本殺**」。 **劇本殺**專門店，兩個特色房間，一流的玩本配套，嚴選最好的**劇本**，並經繁體重製及改良。

狗咬狗 Co · 大山 Co · 橫行加勒比 Co · 猜拳 · 寸步難行 Co · 沉浮

Ad · <https://www.larpinghk.com/> ▾

LARPing HK劇本殺遊戲館 - 精心挑選優質劇本

主打高級香港**劇本殺**遊戲體驗，專業主持及華麗場地帶你進入**劇本殺**情景

[關於我們](#) | [About Us](#) · **劇本** · [Game Menu](#) · [立即拼團](#) | [Join Group](#) · [立即預約](#) | [Book Now](#)

Ad · <https://www.1larp.com/> ▾

全港首間-全息環幕 LARP 劇本殺 - 一夕全息劇本體驗館

全港首創全息環幕投影LARP**劇本殺**，為你帶來完美浸沉式體驗，朋友聚會 Team Building 首選!

[查看劇本清單](#) · 8人或以上劇本 · 6人劇本 · 7人劇本

Ubersuggest Extension

Hide Show

Ubersuggest

[Export to CSV](#)

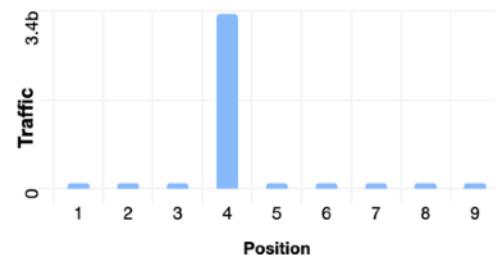


SEO Metrics

[Hide Section](#)

Traffic

Backlinks



Murder mystery game (劇本殺)



Murder mystery games are a genre of party games where one of the players is secretly playing a murderer, while the other players must determine who



劇本殺

Monthly searches: 8,100 | CPC: \$2.83



View All ▾



All

Videos

Images

News

Shopping

More

Tools

Any time ▾ All results ▾

Note: You're about to reach your daily search limits as a free user. You can [Hide the extension until tomorrow](#) or [Log in as an Ubersuggest PRO user](#) to get more generous search limits.

Ad · <https://www.larphome.com/> ▾

旺角劇本殺場地 - 免費提供戲服

解謎推理遊戲劇本殺場地，各類劇本一應俱全，朋友聚會，認識新朋友，Team Building 首選! 歡迎一人或組團報名，店家將為你配對團員。

📍 Mong Kok旺角上海街 426 號萬事昌中心 - Open today · Open 24 hours ▾

Ad · <https://www.larp-playhard.com/> ▾

香港劇本殺 - Larp PlayHard劇本遊戲館

部分劇本提供戲服與情境佈置，有教學及引導，新手也能開心玩！Play Hard，Play Larp！全部繁體劇本，已多達180多個劇本讓你選擇！提供優質遊戲體驗，專業主持團隊。

Ad · <https://www.larpco.hk/> ▾

香港劇本殺 - Larp推理遊戲

專業主持及演繹團隊，為玩家帶來最佳的臨場體驗，新手、老手都能感受真正的「劇本殺」。劇本殺專門店，兩個特色房間，一流的玩本配套，嚴選最好的劇本，並經繁體重製及改良。

狗咬狗 Co · 猜拳 · 大山 Co · 橫行加勒比 Co · 寸步難行 Co · 沉浮

Ubersuggest Extension

Hide Show

Ubersuggest

Export to CSV

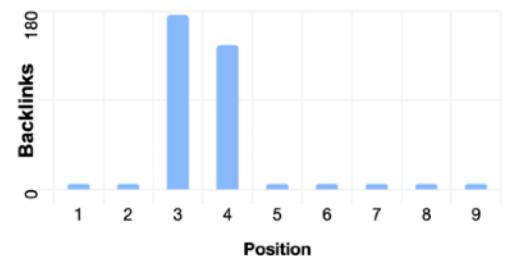


SEO Metrics

Hide Section

Traffic

Backlinks



Murder mystery game (劇本)



<https://losthk.com> › role-play-escape-... · Translate this page

真人角色扮演遊戲- 劇本殺 (LARP), 最真實刺激的推理遊戲

Domain Authority: 34

Est. Visits: 48

99

Estimated competition in organic search, the higher the number the more competitive

Keyword	CPC	Position	Est. Visits	SD
larp	\$2.35	6	37	41
larp hk	\$2.16	8	6	33
d game ocamp	\$0	17	1	55
ocamp game	\$0	78	0	61
larping	\$2.35	77	0	84

Next

Export to CSV

Close

劇本殺 (LARP) 是一個實景的真人角色扮演遊戲。LARP 的意思就是Live Action Role Play。這個推理遊戲的參與者根據遊戲房間內設置、間隔、道具擺設、電子機關、謎題 ...



新傳

School of Journalism
and Communication
新聞與傳播學院



About Programmes Research News People Practicum jcMotion 繁 | 簡

Hong Kong Media
Interaction between Media, State
and Civil Society

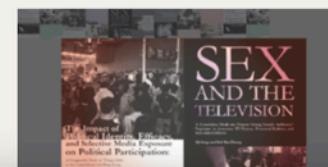
Chi Kit Chan
Gary Tang
Francis L. F. Lee

palgrave macmillan

... Book Launch
Hong Kong Media
Interaction between Media, State
and Civil Society

Chi Kit Chan, Gary Tang
& Francis L. F. Lee

... Date: 28 October 2022 (Fri)
Time: 10-11:30AM
Venue: C-Centre (NAH 313, Humanities
Building, CUHK)



Click here to enable bookmark.



[Dashboard](#)[Rank Tracking](#)[SEO Opportunities](#)[My Workspace NEW!](#)[Chrome Extension](#)[Site Audit](#)[Keywords](#)[Traffic](#)[Traffic Overview](#)[Top Pages by Traffic](#)[Backlinks](#)[Labs NEW!](#)

**Start 7-day free trial
to unlock all data**

[Pay nothing today](#)[Cancel Anytime](#)[Zero Risk Free Trial](#)[UPGRADE](#) [Account & Billing](#) [Consulting Services](#)

Get a detailed SEO overview of a site or page URL

Language / Country

com.cuhk.edu.hk

Domain

English / Hong Kong

SEARCH

You're using a free version of Ubersuggest. | 3 out of 3 free daily searches available

[UPGRADE](#)

Traffic Overview : com.cuhk.edu.hk

ORGANIC KEYWORDS

2,220

ORGANIC MONTHLY TRAFFIC

3,525

DOMAIN AUTHORITY

85

AMAZING

BACKLINKS

10,629,735

AMAZING

NoFollow: 826,255

TRAFFIC

3,525 organic visitors per month

Organic Monthly Traffic

3,000

UPGRADE TO SEE HISTORICAL TRAFFIC DATA

2,000

7-Day Free Trial

1,000

Help



新傳

School of Journalism
and Communication
新聞與傳播學院

About Programmes Research News People Practicum jcMotion

● Life in Comm



Sharing of Learning Experiences by JLM Students

我們的
張佬故

中大新傳學生分享



Ubersuggest | Traffic Analyzer

Domain: com.cuhk.edu.hk

More Insights

Domain Overview

Organic Keywords 2,220

Organic Monthly Traffic 3,525

Keywords by Traffic

Domain Authority 85

Backlinks 10,629,735
No Follow: 826,255

Backlinks

Traffic

3,525 organic visitors per month

Apr 2022 - Sep 2022

Organic Monthly Traffic



SEO Analyzer

SEO Keywords Ranking 2,220 Keywords

Apr 2022 - Sep 2022

1-3 4-10 11-50 51-100



Dashboard

Rank Tracking

SEO Opportunities

My Workspace NEW!

Chrome Extension

Site Audit

Keywords

Traffic

Traffic Overview

Top Pages by Traffic

Backlinks

Labs NEW!

Start 7-day free trial

to unlock all data

Pay nothing today

Cancel Anytime

Zero Risk Free Trial

UPGRADE

Account & Billing

Consulting Services

TOP SEO PAGES

TOP PAGES BY COUNTRY

HK / EN [1,497]

HK / ZH_TW [1,760]

US / EN [79]

CZ / CS [28]

MORE ▾

SEO TITLE URL	EST. VISITS	BACKLINKS	f	p	g
School of Journalism and Communication, CUHK - com.cuhk.edu.hk/	798	View All ▾	15	View All ▾	193
BBA-JLM Double Degree, CUHK com.cuhk.edu.hk/bba-jlm/indexeng.html	87	View All ▾	0	View All ▾	0
AU, Allan K. L. com.cuhk.edu.hk/en-GB/people-m/teaching-staff/au-allan-k-l	75	View All ▾	0	View All ▾	0
LEE, Francis L.F. com.cuhk.edu.hk/en-GB/people/teaching-staff/lee-francis-l-f	74	View All ▾	0	View All ▾	2
科目表 - School of Journalism and Communication, CUHK com.cuhk.edu.hk/zh-TW/programmes-m/undergraduate-programme/course-lists	50	View All ▾	0	View All ▾	0

VIEW THE PAGES THAT DRIVE TRAFFIC TO THIS DOMAIN

SEO KEYWORDS

TOP KEYWORDS BY COUNTRY

HK / EN [1,497]

HK / ZH_TW [1,760]

US / EN [79]

CZ / CS [28]

MORE ▾

SEO KEYWORDS	VOLUME	POSITION	EST. VISITS
michael chan	320	1	125
cuhk journalism	260	1	105
journalism cuhk	260	1	105
cuhk communication	260	1	105
cuhk communication	260	1	105

? Help

Dashboard

Rank Tracking

SEO Opportunities

My Workspace NEW!

Chrome Extension

Site Audit

Keywords

Keyword Overview

Keyword Ideas

Keywords by Traffic

Similar Websites

Content Ideas

Keyword Lists NEW!

Traffic

Backlinks

Labs NEW!

Start 7-day free trial
to unlock all data

Pay nothing today

Cancel Anytime

Zero Risk Free Trial

Volume ▾ SEO Difficulty ▾ Keyword Filters ▾

EXPORT TO CSV ▾

COPY TO CLIPBOARD ▾

ADD TO LIST ▾

0 of 250 Selected

LOCATIONS

HK / EN [1,497]

HK / ZH_TW [1,760]

US / EN [79]

CZ / CS [28]

MORE ▾

<input type="checkbox"/>	KEYWORDS	VOLUME	POSITION	EST. VISITS	SEO DIFFICULTY
<input type="checkbox"/>	journalism cuhk com.cuhk.edu.hk/	260	1	105	71
<input type="checkbox"/>	cuhk communication com.cuhk.edu.hk/	260	1	105	60
<input type="checkbox"/>	cuhk jlm com.cuhk.edu.hk/	260	1	105	72
<input type="checkbox"/>	jlm com.cuhk.edu.hk/bba-jlm/indexeng.html	170	1	86	68
<input type="checkbox"/>	allan au com.cuhk.edu.hk/en-GB/people-m/teaching-staff/au-allan-k-l	170	1	74	79
<input type="checkbox"/>	journalism and communication com.cuhk.edu.hk/	140	1	73	60
<input type="checkbox"/>	journalism and communications com.cuhk.edu.hk/	140	1	66	59
<input type="checkbox"/>	communication and journalism com.cuhk.edu.hk/	140	1	63	66
<input type="checkbox"/>	comm cuhk com.cuhk.edu.hk/	140	1	63	73
<input type="checkbox"/>	francis lee com.cuhk.edu.hk/en-GB/people/teaching-staff/lee-francis-l-f	140	1	62	72
<input type="checkbox"/>	jlm cuhk com.cuhk.edu.hk/	110	1	59	76
<input type="checkbox"/>	comm com.cuhk.edu.hk/zh-TW/programmes-m/undergraduate-progr...	720	2	51	62

Help

Dashboard

Rank Tracking

SEO Opportunities

My Workspace NEW!

Chrome Extension

Site Audit

Keywords

Traffic

Traffic Overview

Top Pages by Traffic

Backlinks

Labs NEW!

Start 7-day free trial
to unlock all data

Pay nothing today

Cancel Anytime

Zero Risk Free Trial

UPGRADE

Account & Billing

Consulting Services

科目表 - School of Journalism and Communication, CUHK
com.cuhk.edu.hk/zh-TW/programmes-m/undergraduate-programme/course-lists

50

View All ▾

0

View All ▾

0

0

0

VIEW THE PAGES THAT DRIVE TRAFFIC TO THIS DOMAIN

SEO KEYWORDS

TOP KEYWORDS BY COUNTRY

★ HK / EN [1,497]

★ HK / ZH_TW [1,760]

USA / EN [79]

CZ / CS [28]

MORE ▾

SEO KEYWORDS ⓘ	VOLUME ⓘ	POSITION ⓘ	EST. VISITS ⓘ
michael chan	320	1	125
cuhk journalism	260	1	105
journalism cuhk	260	1	105
cuhk communication	260	1	105
cuhk jlm	260	1	105
jlm	170	1	86
allan au	170	1	74
journalism and communication	140	1	73
journalism and communications	140	1	66

VIEW ALL SEO KEYWORDS THIS DOMAIN RANKS FOR

? Help

1. **Conduct trend and keyword research using Keyword Planner or Ubersuggest Chrome extension.**
2. **Come up with keywords for experimentation.**
3. **Make sure title tag and meta description contain keywords.**
4. **Embed keywords into contents (e.g. posts)**
5. **Google Search Console to track search outcome (check search terms to pages, external links)**
6. **Impressions, Clicks, Click-through rate (CTR) to inform refinement of content.**

Checking SEO

Choose your plan

Our plans for all types of businesses and needs

You save 20%

Monthly payment

Annual payment

Plan/Account	Basic	Premium	Agency
Please select your preferred plan	For beginners	For professional websites	For large websites & agencies
Price per month plus VAT The contract is automatically renewed for another month at the end of each month. You can cancel your subscription anytime without a cancellation period.	Free Finish registration	30 Day Free Trial \$50 /month afterwards Proceed to next step	\$200 Proceed to next step
Included projects/domains	1	3	15
Maximum crawled pages/project	1,000	25,000	100,000
Amount of checked external links	100	25,000	50,000
Custom needs?	Haven't found what you're looking for? We will be pleased to submit an offer tailored to your special requirements. Contact us at +49 911 - 23756261 or send an email to info@seobility.net		
Crawler features			
Number of parallel crawlers	1	3	5
Waiting time for re-crawls	One day	immediately	immediately
Keyword Ranking Monitoring			learn more
Included keywords	10	300	1,500

Source: <https://www.seobility.net/>

 Do you need help?

Analyze your website with Seobility:

http://www.com.cuhk.edu.hk/en-GB/

Analyse website

Com.cuhk.edu.hk - SEO Checker

PDF Export

Overview of the SEO Check

[Follow](#)

Meta information

88%

Page quality

31%

Page structure

79%

Link structure

60%

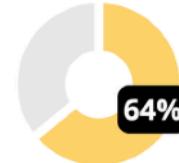
Server

0%

External factors

92%

SEO Score

[SEO Score Widget](#)[Response time](#)[File size](#)[Words](#)[Media files](#)[Number of links](#)

2.75 s

49.60 kB

449

9

168 internal / 14 external

Task list of SEO Improvements

10 Tasks Add a H1 heading to this page.

Very important!

 The used PHP version is outdated and may be a security risk.

Very important!

 Improve the page response time.

Very important!

 Enable the compressed HTML content transfer on your server using gzip.

Very important!

 Try to reduce the number of used CSS files.

Very important!

[Do you need help?](#)<https://www.seobility.net/en/seocheck/>

Web Development in Python Using Flask

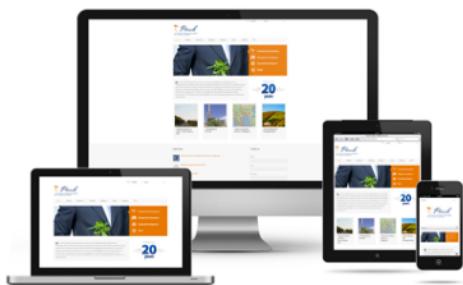
Browser
Screen Display



Web Server (e.g. github.io)
HTML/CSS/JS



Static Website



```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  <meta charset="utf-8">
5  <title> A Tiny HTML Document </title>
6  <link href = "styles.css" rel="stylesheet">
7  <script src="scripts.js"></script>
8  </head>
9
10 <body>
11 <p>Let's rock the browser, HTML5 style.</p>
12 </body>
13 </html>
```

Browser/ Mobile



Web Server

HTML/CSS/JS



App Server

Python



Database Server

SQL Database



```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title> A Tiny HTML Document </title>
<link href = "styles.css" rel="stylesheet">
<script src="scripts.js"></script>
</head>

<body>
<p>Let's rock the browser, HTML5 style.</p>
</body>
</html>
```

```
# take input from the user
print("Select operation:")
print("1.Add")
print("2.Subtract")
print("3.Multiply")
print("4.Divide")
print("5.Power")
choice = input("Enter choice(1/2/3/4/5):")

num1 = int(input("Enter first number:"))
num2 = int(input("Enter the second number:"))

if choice == '1':
    print(num1, "+", num2, "add", num3)
    print(value, ..., sep=' ', end='\n', file=peo.stdout, flush=False)
```

Database Structure Browse data Edit Pragmas Execute SQL

Table: hotpotdata

res_name	res_address	res_price	res_foodtype1	res_res	res_dishes
Daoweweng Res...	Shop2, G/F, Dou...	\$201.400	Hot Pot; Guang... 16	2	1.1
Kan Fung Kithne...	G/F, 1/F, San Fang...	\$911.200	Hot Pot; Hung Ko... 15	2	1.1
Sing Ming Hotpot...	G/F, 3/F, 44, Chik...	\$911.200	Stir Fry; Hot Pot 10	3	1.1
Victoria Harbour...	Bhp 833A, 8/F, ...	\$911.200	Hot Pot; Guangle... 20	10	1.1
Yuen Kee (盈記)...	Bhp 833B, 8/F, ...	\$911.200	Chiu Chow; Hot Pot 11	0	1.1
PearlAsia Cuisin...	Shop 101, 1/F, T... 811.100		Hot Pot; Guangle... 25	6	1.1
Shabu Shabu Sh... 7	Shop 2741, 2/F, ...	\$911.200	Hot Pot; Japanese 21	3	1.1
新嘉坡	G/F, 3/F, Van Heng...	\$911.200	Stir Fry; Hot Pot 100	1	1.1
Lunch Carteens (午餐...	Shop 31, G/F, Ha...	\$911.200	Hot Pot; Hung Ko... 46	0	1.1
Northern Chinese...	Shop 106, 1/F, ...	\$911.400	Hot Pot; Guangle... 11	6	1.1
OneNet Pvt - 電網...	Shop 208, 2/F, W...	\$911.400	Hot Pot; Taiwan... 10	0	1.1
Victoria Harbour...	Shop 101, 102, 2/F...	\$911.200	Hot Pot; Guangle... 15	3	1.1
百味足食皇朝小館...	Shop 9, G/F, Shin...	\$911.200	Stir Fry; Hot Pot 8	2	1.1
对于子类重写基类...	Shop 28, 2/F, ...	\$911.200	Hot Pot; Guangle... 6	3	1.1

Frontend View

Front-end Codes

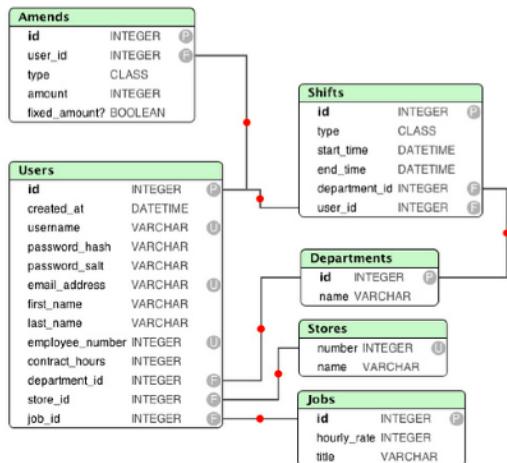
Backend Codes

Data

Front-end vs. Back-end

The **MVC** Pattern for Structuring Application Development

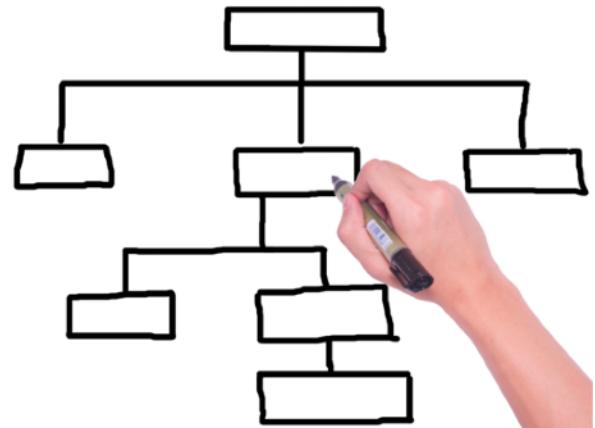
Source: commons.wikimedia.org



Source: pixabay.com



Source: pexels.com



M(odel)
(SQL/NoSQL data models and processing functions)

V(iew) (Flask templates)

Routing control to pre-defined data and functions

C(ontroller)
(e.g. Routes, rights and authentication)

The **View** Component

Untitled Demo Wireframe Kit (Free Edition) (Copy) +

Community Q Search Community Publish B

Bootstrap 5 - 2021.11

By Stefan 

224 Get a copy 6k



The cover features a large white 'B' inside a white curly brace on a purple background. To the right are several white rounded rectangles containing text: 'Variants', 'Auto-layout', 'Components', 'Open-Sourcelcons', 'Icons', and 'Layout examples'. Below this is the title 'Bootstrap 5 • Figma Kit' in large white font. At the bottom left is the text 'Updated: November 2021' and at the bottom right is 'v1.1'.

2021, Nov 29

- fixed cover typo
- added donation link

2021, Nov 22

- fixed cover date

2021, Nov 16

Tags

bootstrap bootstrap 5 design kit free free kit hey minimal random starter ui kit

Enter Responsive Design.



Assignment 1



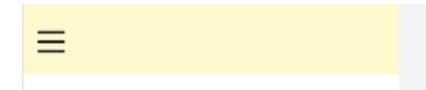
This is my first experience in creating a web page and sharing with the world. It was unbelievable that I can do that as a person coming from a non-technical background. After all, the learning hasn't been as difficult as I thought. Hopefully, I can do more interesting things with the newly acquired skills.

My current design for the first assignment is based on one main idea: How can I make my creative works more accessible and inspiring for other people? That's why I have chosen a simple horizontal navigation bar with the current navigation option highlighted and the paragraph heading displayed in H1 tag.

Simplicity is important but amusement, the entertaining impact my works create, is equally so. I still have to work harder on both. They are design attributes that can delight people and make them willing to see my works

more.

More details about my design can be found [here](#).



Assignment 1



This is my first experience in creating a web page and sharing with the world. It was unbelievable that I can do that as a person coming from a non-technical background. After all, the learning hasn't been as difficult as I thought. Hopefully, I can do more interesting things with the newly acquired skills.

My current design for the first assignment is based on one main idea: How can I make my creative works more accessible and inspiring for other people? That's why I have chosen a simple



Custom jumbotron

Using a series of utilities, you can create this jumbotron, just like the one in previous versions of Bootstrap. Check out the examples below for how you can remix and restyle it to your liking.

[Example button](#)

Change the background

Swap the background-color utility and add a `text-*` color utility to mix up the jumbotron look. Then, mix and match with additional component themes and more.

[Example button](#)

Add borders

Or, keep it light and add a border for some added definition to the boundaries of your content. Be sure to look under the hood at the source HTML here as we've adjusted the alignment and sizing of both column's content for equal-height.

[Example button](#)

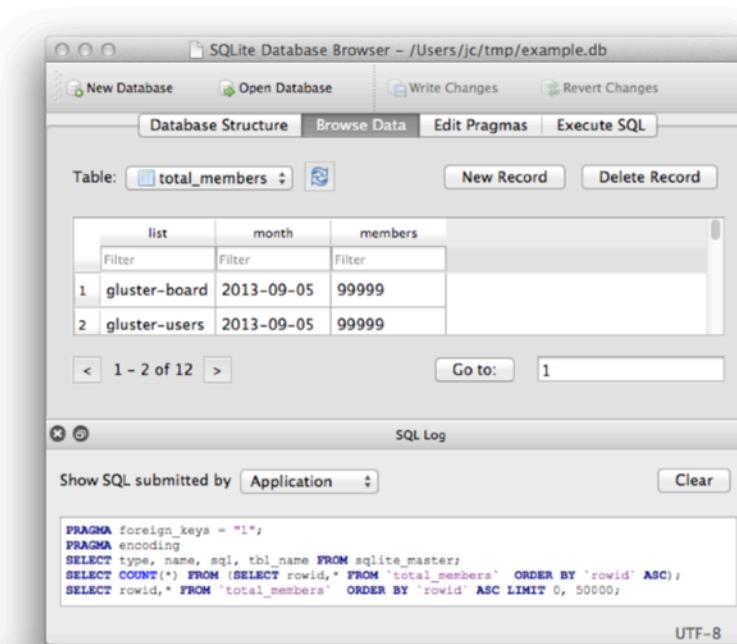
The **Database** Component



DB Browser for SQLite

The Official home of the DB Browser for SQLite

Screenshot



DB Browser for SQLite - /Users/yssuen/flask_apps/Classes/Flask_Web_REST_API_Programming/**/ Flask Workshop/04 MVC Framework and Flask-SQLAlchemy/workshop.db

New Database Open Database Write Changes Revert Changes Open Project Save Project Attach Database Close Database

Database Structure Browse Data Edit Pragmas Execute SQL

Create Table Create Index Modify Table Delete Table Print

Name Type Schema

Tables (2)

- blogs
- users

CREATE TABLE blogs (id INTEGER NOT NULL,title VARCHAR(255),body TEXT NOT NULL)
CREATE TABLE users (id INTEGER NOT NULL,username VARCHAR(50),email VARCHAR(255))

Indices (0)

Views (0)

Triggers (0)

Mode: Text

Edit Database Cell

1

Type of data currently in cell

Size of data currently in table

Apply

DB Schema

Name Type Schema

Tables (2)

- blogs
- users

CREATE TABLE blogs (id INTEGER NOT NULL,title VARCHAR(255),body TEXT NOT NULL)
CREATE TABLE users (id INTEGER NOT NULL,username VARCHAR(50),email VARCHAR(255))

Indices (0)

Views (0)

Triggers (0)

SQL Log Plot DB Schema Remote

UTF-8

The **Controller** Component

```

<header><!--header section-->
<!-- <label id="menu" for="my_checkbox">Click For Menu</label> -->
<label id="menu" for="my_checkbox">
  <span class="bar"></span>
  <span class="bar"></span>
  <span class="bar"></span>
</label>
</header>
<input type="checkbox" id="my_checkbox">
<nav id="hidden">
  <ul>
    <li class="active"><a href="index.html">Assignment 1</a></li>
    <li><a href="assign2.html">Assignment 2</a></li>
    <li><a href="assign3.html">Assignment 3</a></li>
    <li><a href="assign4.html">Assignment 4</a></li>
    <li><a href="assign5.html">Assignment 5</a></li>
  </ul>
</nav>

```

Assignment 1 Assignment 2 Assignment 3 Assignment 4 Assignment 5

Assignment 1



more.

More details about my design can be found [here](#).

This is my first experience in creating a web page and sharing with the world. It was unbelievable that I can do that as a person coming from a non-technical background. After all, the learning hasn't been as difficult as I thought. Hopefully, I can do more interesting things with the newly acquired skills.

My current design for the first assignment is based on one main idea: How can I make my creative works more accessible and inspiring for other people? That's why I have chosen a simple horizontal navigation bar with the current navigation option highlighted and the paragraph heading displayed in H1 tag.

Simplicity is important but amusement, the entertaining impact my works create, is equally so. I still have to work harder on both. They are design attributes that can delight people and make them willing to see my works

My Journals

[Making Remote Works](#)
[Collaborative and Accountable](#)
[Rethink Digital Transformation](#)



Assignment 1



This is my first experience in creating a web page and sharing with the world. It was unbelievable that I can do that as a person coming from a non-technical background. After all, the learning hasn't been as difficult as I thought. Hopefully, I can do more interesting things with the newly acquired skills.

My current design for the first assignment is based on one main idea: How can I make my creative works more accessible and inspiring for other people? That's why I have chosen a simple

Use Python Flask Framework for Controlling Access to Dynamic Web Resources

In [*]:

```
1 #####  
2  
3 # EXTERNAL MODULES TO BE USED  
4  
5 #####  
6  
7 from flask import Flask, render_template, redirect, url_for  
8  
9 app = Flask(__name__)  
10  
11 #####  
12  
13 # WEB ROUTES FOR CONTROLLING ACCESS TO TEMPLATE VIEWS  
14  
15 #####  
16  
17 @app.route("/")  
18 def index():  
19     return render_template('index.html')  
20  
21 @app.route("/assign1")  
22 def assign1():  
23     return render_template('index.html')  
24  
25 @app.route("/assign2")  
26 def assign2():  
27     return render_template('assign2.html')  
28  
29 @app.route("/assign3")  
30 def assign3():  
31     return render_template('assign3.html')  
32  
33 @app.route("/assign4")  
34 def assign4():  
35     return render_template('assign4.html')  
36  
37 @app.route("/assign5")  
38 def assign5():  
39     return render_template('assign5.html')  
40  
41 #####  
42  
43 # ERROR HANDLERS  
44  
45 #####  
46  
47 @app.errorhandler(404)  
48 def page_not_found(e):  
49     return render_template('404.html'), 404
```

```
51 #####  
52 # APPLICATION TEST RUN AT PORT 9003  
53  
54 #####  
55  
56  
57  
58 if __name__ == '__main__':  
59     app.run('localhost', 9003)
```

Flask Development in Jupiter Notebook

Flask App Examples

jupyter

Files Running Clusters

Select items to perform actions on them.

Upload New

	Name	Last Modified	File size
<input type="checkbox"/> 0	..	seconds ago	
<input type="checkbox"/> 01 Basic Flask Decorators and Routes		6 minutes ago	
<input type="checkbox"/> 02 Jinja2 templates for display HTML		20 hours ago	
<input type="checkbox"/> 03 Base templates in Jinja2		an hour ago	
<input type="checkbox"/> 04 Passing Data to Template		22 minutes ago	

jupyter example_app01 (autosaved)



Logout

File Edit View Insert Cell Kernel Widgets Help

Trusted

Python 3



```
In [ ]: 1 from flask import Flask  
2 app = Flask(__name__)  
3 @app.route("/")  
4 @app.route("/hello")  
5 def HelloWorld():  
6     return "Hello,world!"  
7  
8 if __name__ == '__main__':  
9     app.run()
```

```
# Import the Flask packages and its modules  
# Declare the app variable  
# Setting up the access routes  
# Define the functions associated with the routes  
# Run the app
```

File Edit View Insert Cell Kernel Widgets Help Trusted Python 3

```
2
3 # EXTERNAL MODULES TO BE USED
4
5 #####
6
7 from flask import Flask
8
9 app = Flask(__name__)
10
11 #####
12 # WEB ROUTES FOR CONTROLLING ACCESS TO TEMPLATE VIEWS
13
14 #####
15
16 #####
17
18 @app.route("/")
19 def index():
20     return "Home route"
21
22 @app.route("/demo")
23 def demo():
24     return "demo"
25
26 @app.route("/blogs")
27 def blogs():
28     return "Blogs route"
29
30 @app.route("/about")
31 def about():
32     return "About route"
33
34 @app.route("/post")
35 def post():
36     return "Post route"
37
38 @app.route("/contact")
39 def contact():
40     return "Contact route"
41
42 #####
43
44 # ERROR HANDLERS
45
46 #####
47
48 @app.errorhandler(404)
49 def page_not_found(e):
50     # note that we set the 404 status explicitly
51     return "Error 404 - page not found."
52
53 #####
54 # APPLICATION TEST RUN AT PORT 9003
55
56 #####
57
58 if __name__ == '__main__':
59     app.run('localhost', 9003)
```

Run the app at localhost port 9003

Setting up the error handling route to handle “page not found”.
Define the error handling function associated with the route
Return the message “Page not found” on the web page.

In [*]:

```
1 #####  
2  
3 # EXTERNAL MODULES TO BE USED  
4  
5 #####  
6  
7 from flask import Flask, render_template, redirect, url_for  
8  
9 app = Flask(__name__)  
10  
11 #####  
12  
13 # WEB ROUTES FOR CONTROLLING ACCESS TO TEMPLATE VIEWS  
14  
15 #####  
16  
17 @app.route("/")  
18 def index():  
19     return render_template('index.html')  
20  
21 @app.route("/assign1")  
22 def assign1():  
23     return render_template('index.html')  
24  
25 @app.route("/assign2")  
26 def assign2():  
27     return render_template('assign2.html')  
28  
29 @app.route("/assign3")  
30 def assign3():  
31     return render_template('assign3.html')  
32  
33 @app.route("/assign4")  
34 def assign4():  
35     return render_template('assign4.html')  
36  
37 @app.route("/assign5")  
38 def assign5():  
39     return render_template('assign5.html')  
40  
41 #####  
42  
43 # ERROR HANDLERS  
44  
45 #####  
46  
47 @app.errorhandler(404)  
48 def page_not_found(e):  
49     return render_template('404.html'), 404  
50  
51 #####  
52  
53  
54 # APPLICATION TEST RUN AT PORT 9003  
55  
56 #####  
57  
58 if __name__ == '__main__':  
59     app.run('localhost', 9003)
```

Setting up the access routes
Define the function associated with the route
Return the HTML template used for display the web page.

Run the app at localhost port 9003

Setting up the error handling route to handle “page not found”.
Define the error handling function associated with the route
Return the HTML template with the “Page not found” message on the web page.

Files Running Clusters

Select items to perform actions on them.

0 / Jupyter / Classes / com5961 / 2022 / Lesson 7 2022 / 02 Ninja2 templates for display HTML

- ..
- static
- templates

app.ipynb

Files Running Clusters

Select items to perform actions on them.

0 / Jupyter / Classes / com5961 / 2022 / Lesson 7 2022 / 02 Ninja2 templates for display HTML / static

- ..
- css
- img

Static folder and its sub-folders.

Select items to perform actions on them.

0 / Jupyter / Classes / com5961 / 2022 / Lesson 7 2022 / 02 Ninja2 templates for display HTML / templates

- ..
- 404.html
- assign2.html
- assign3.html
- assign4.html
- assign5.html
- index.html

Template folder and its html template files.

File Edit View Language

HTM

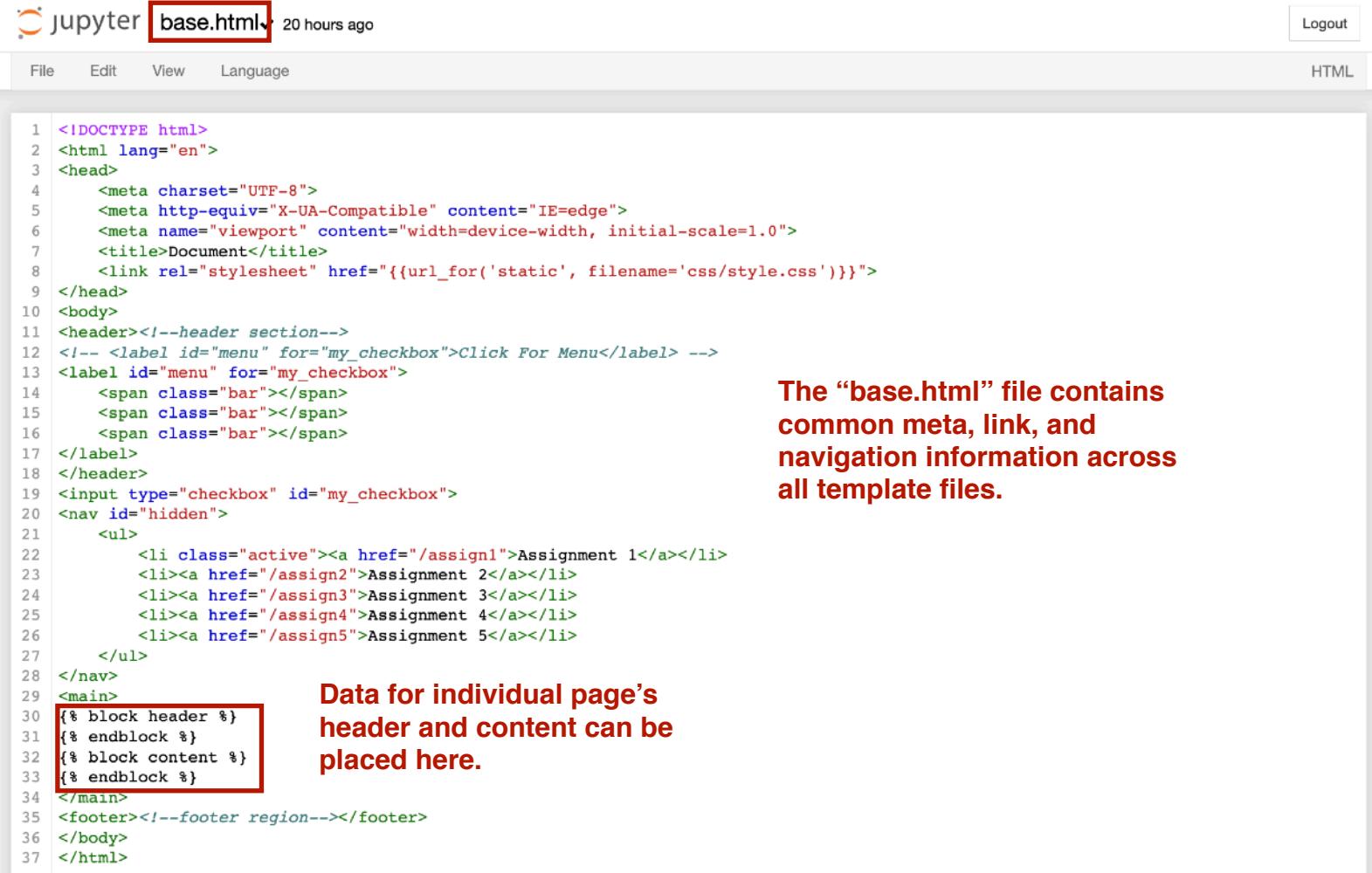
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta http-equiv="X-UA-Compatible" content="IE=edge">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <title>Document</title>
8     <link rel="stylesheet" href="{{url_for('static', filename='css/style.css')}}">
9 </head>
10 <body>
11 <header><!--header section-->
12 <!-- <label id="menu" for="my_checkbox">Click For Menu</label> -->
13 <label id="menu" for="my_checkbox">
14     <span class="bar"></span>
15     <span class="bar"></span>
16     <span class="bar"></span>
17 </label>
18 </header>
19 <input type="checkbox" id="my_checkbox">
20 <nav id="hidden">
21     <ul>
22         <li class="active"><a href="/assign1">Assignment 1</a></li>
23         <li><a href="/assign2">Assignment 2</a></li>
24         <li><a href="/assign3">Assignment 3</a></li>
25         <li><a href="/assign4">Assignment 4</a></li>
26         <li><a href="/assign5">Assignment 5</a></li>
27     </ul>
28 </nav>
29 <main>
30 <section><!--main section-->
31     <h1>Assignment 1</h1>
32     <p>
33         This is my first experience in
creating a web page and sharing with the world. It was unbelievable that I can do that as a person coming from a non-technical
background. After all, the learning hasn't been as difficult as I thought. Hopefully, I can do more interesting things with the
newly acquired skills.
34     </p><br>
35     <p>
36         My current design for the first assignment is based on one main idea: How can I make my creative works more accessible
and inspiring for other people? That's why I have chosen a simple horizontal navigation bar with the current navigation option
highlighted and the paragraph heading displayed in H1 tag.
37     </p><br>
```

Use url_for function to look up the style.css file.

Refer the links to the routes.

Use url_for function to look up the image file.

Using Base Template



The “base.html” file contains common meta, link, and navigation information across all template files.

File Edit View Language HTML

Obtain common base head meta data and links and navigation menu from “base.html”.

```
1  {% extends "base.html" %}  
2  {% block content %}  
3  <section><!--main section-->  
4      <h1>Assignment 1</h1>  
5      <p>  
6          This is my first experience in  
7          creating a web page and sharing with the world. It was unbelievable that I can do that as a person coming from a non-technical  
8          background. After all, the learning hasn't been as difficult as I thought. Hopefully, I can do more interesting things with the  
9          newly acquired skills.  
10     </p><br>  
11     <p>  
12         My current design for the first assignment is based on one main idea: How can I make my creative works more accessible and  
13         inspiring for other people? That's why I have chosen a simple horizontal navigation bar with the current navigation option  
14         highlighted and the paragraph heading displayed in H1 tag.  
15     </p><br>  
16     <p>  
17         Simplicity is important but amusement, the entertaining impact my works create, is equally so. I still have to work harder  
18         on both. They are design attributes that can delight people and make them willing to see my works more.</p><br>  
19         </p><br>More details about my design can be found <a href="https://hkdesign.org/having-fun-with-html-and-css/"  
20         target="_blank">here</a>.  
21     </section>  
22     <aside><!--aside region-->  
23         <h1>My Journals</h1>  
24             <div class="side-link">  
25                 <a href="https://hkdesign.org/making-remote-works-collaborative-and-accountable/" target="_blank">Making Remote Works  
Collaborative and Accountable</a>  
26             </div>  
27             <div class="side-link">  
28                 <a href="https://hkdesign.org/rethink-digital-transformation/" target="_blank">Rethink Digital Transformation</a>  
29             </div>  
30         </ul>  
31     </aside>  
32     {% endblock %}
```

Data of unique content from current page is defined between { % block content %} and { % end block %}

Retrieving data from external file.



app Last Checkpoint: an hour ago (unsaved changes)



Logout

File Edit View Insert Cell Kernel Widgets Help

Trusted

Python 3

```
In [*]: 1 #####  
2 #####  
3 # EXTERNAL MODULES TO BE USED  
4 #####  
5 #####  
6 #####  
7 from flask import Flask, render_template, redirect, url_for  
8 import pandas as pd  
9 #####  
10 app = Flask(__name__)  
11 #####  
12 #####  
13 #####  
14 # WEB ROUTES FOR CONTROLLING ACCESS TO TEMPLATE VIEWS  
15 #####  
16 #####  
17 #####  
18 @app.route("/")  
19 def index():  
20     return render_template('index.html')  
21 #####  
22 @app.route("/blogs")  
23 def blogs():  
24     df = pd.read_csv("weekly_hours.csv")  
25     list = df.to_dict('records')  
26 #####  
27     return render_template('blogs.html', entries = list)  
28 #####  
29 @app.route("/about")  
30 def about():  
31     return render_template('about.html')  
32 #####  
33 @app.route("/post")  
34 def post():  
35     return render_template('post.html')  
36 #####  
37 @app.route("/contact")  
38 def contact():  
39     return render_template('contact.html')  
40 #####  
41 @app.route("/dashboard")  
42 def dashboard():  
43     return render_template('dashboard.html')
```

Passing list to template
to be used for display.

```

1  {% extends "base.html" %} 
2  {% block header %} 
3      <!-- Page Header-->
4      <header class="masthead" style="background-image: url('{{ url_for('static', filename='assets/img/home-bg.jpg') }})">
5          <div class="overlay"></div>
6          <div class="container">
7              <div class="row">
8                  <div class="col-lg-8 col-md-10 mx-auto">
9                      <div class="site-heading">
10                         <h1>Clean Blog</h1>
11                         <span class="subheading">A Blog Theme by Start Bootstrap</span>
12                     </div>
13                 </div>
14             </div>
15         </div>
16     </header>
17     {% endblock %} 
18     {% block content %} 
19     <!-- Main Content-->
20     <div class="container">
21         <div class="row">
22             <div class="col">
23                 <b>Name</b>
24             </div>
25             <div class="col">
26                 <b>Jan</b>
27             </div>
28             <div class="col">
29                 <b>Feb</b>
30             </div>
31             <div class="col">
32                 <b>Mar</b>
33             </div>
34         </div>
35         {% for row in entries %} 
36             <div class="row">
37                 <div class="col">
38                     {{ row["Student"] }} 
39                 </div>
40                 <div class="col">
41                     {{ row["Jan"] }} 
42                 </div>
43                 <div class="col">
44                     {{ row["Feb"] }} 
45                 </div>
46                 <div class="col">
47                     {{ row["Mar"] }} 
48                 </div>
49             </div><!-- end row -->
50         {% endfor %} 

```

Use the for and endfor template looping command to display entries on the web page.

Clean Blog

A Blog Theme by Start Bootstrap

Name

David Chan

Peter Wong

John Lui

Jan

90

72

60

Feb

85

75

80

Mar

88

999

100



Flask Development via Pythonanywhere



Dashboard Consoles Files **Web** Tasks Databases

yiusin.pythonanywhere.com

+ Add a new web app

Configuration for yiusin.pythonanywhere.com

Reload:

Reload yiusin.pythonanywhere.com

Best before date:

We're happy to host your free website – and keep it free – for as long as you want to keep it running, but you'll need to log in at least once every three months and click the "Run until 3 months from today" button below. We'll send you an email a week before the site is disabled so that you don't forget to do that. [See here for more details.](#)

This site will be disabled on **Saturday 07 April 2018**

Run until 3 months from today

Paying users' sites stay up forever without any need to log in to keep them running.



/home/ yiusin

Directories

Enter new directory name

New directory

.local/
.virtualenvs/
mysite/



Files

Enter new file name, eg hello.py

New file

.bash_history	2018-01-02 16:17 23 bytes
.bashrc	2017-12-17 15:47 559 bytes
.gitconfig	2017-12-17 15:47 266 bytes
.profile	2017-12-17 15:47 79 bytes
.python_history	2018-01-06 10:22 49 bytes
.pythonstartup.py	2017-12-17 15:47 77 bytes
.vimrc	2017-12-17 15:47 4.6 KB
README.txt	2017-12-17 15:47 235 bytes

Upload a file

Dashboard Consoles **Files** Web Tasks Databases

Open Bash console here

0% full – 148.0 KB of your 512.0 MB quota



/home/yiusin/ msite

Directories

Enter new directory name

New directory

static/
templates/



Dashboard Consoles **Files** Web Tasks Databases

Open Bash console here

0% full – 148.0 KB of your 512.0 MB quota

Files

Enter new file name, eg hello.py

New file

flask_app.py 2018-01-29 12:45 403 bytes
 flask_app.pyc 2018-01-29 12:45 784 bytes

Upload a file

```
from flask import Flask, render_template

app = Flask(__name__)
@app.route("/")
def hello():
    return "Hello World!"

if __name__ == '__main__':
    app.run(debug=True)
```

Final Project Examples



青春期的你，正在被這些問題干擾嗎？

我們的身體在青春期時會經歷相當大的變化。情緒與皮膚都會受到影響。身體與臉部肌膚的保養在這段時期是相當重要的。以下建議能幫助您擺脫黑頭、痘痘及黑眼圈等問題。

黑 头



痘 痘



毛 孔 粗 大



黑 眼 圈

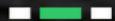




角色扮演
沙盒游戏

游戏 鬼谷八荒

价格 | ¥ 68

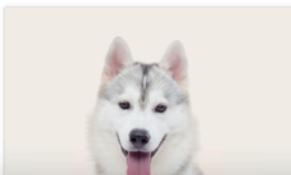


<https://zengshuman.pythonanywhere.com/>

Discover Local Businesses

[CLICK HERE TO SIGN UP FOR EXCLUSIVE DEALS!](#)

Browse Our Favorites ❤



<https://gwynethlai99.pythonanywhere.com/>

Just Wear It!

首页

演出信息

穿搭参考

联系我们

登录 / 注册

OUTFIT IN LIVE

「音乐节穿搭参考」

一键Get音乐节穿搭秘籍

<https://haruhiko.pythonanywhere.com/>

Thanks for joining me today!