



Create your own online portfolio using Github pages

Career Development

Content

60 min

Where Are We in the Journey & Learning Objectives

5 min

Agenda for Today

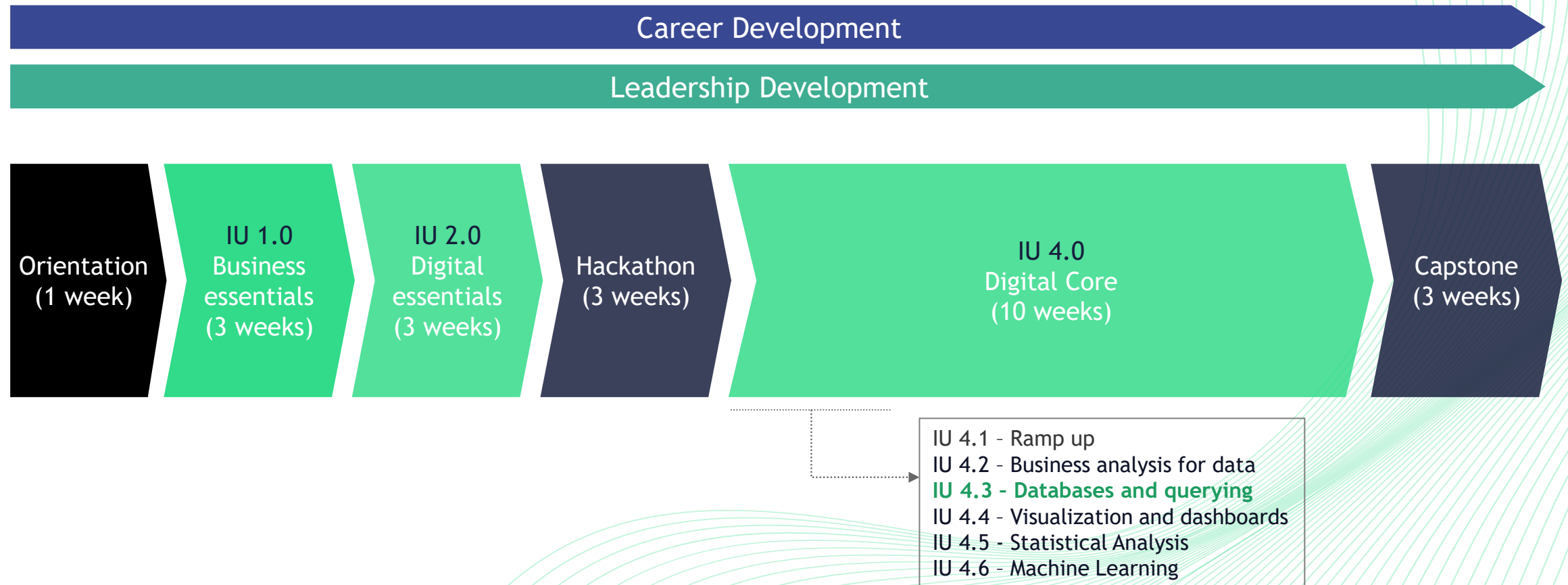
- Online portfolios
 - Hands On
-

15 min
35 min

Reflections & Takeaways

5 min

Where are we in the learning journey?



Learning objectives

Learning how to create an impressive online portfolio to showcase your work

- Free personal website hosting
- QR code for digital sharing
- Linked to Github repository for detailed showcase

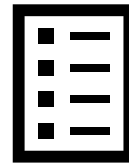
Online portfolio

Online portfolio: Guidelines



By looking at your github profile, Interviewers judge the following:

- the experience of the candidate(s)
- the quality of the work presented using github.

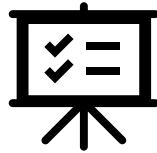


Guidelines:

- Put a link to your GitHub in your resume and every application forms you must fill.
- The best of your work will be the “landing page”, the first page the employer will see.
- Structure/organize your project well with clear titles/name of folders and files,
- Classified contents are well appreciated
- Have a README file (Coming up next)

Online portfolio: README

README



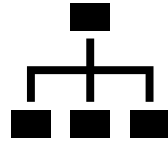
You can add a README file to your repository as it will be first thing anyone looks at before diving into your work.

Have a README to:



- Describe the purpose of the project
- Tools, techniques & technologies used in the project
- Screenshots/videos
- Usage of the project
- Link to the installer/webpage

Online portfolio: Projects to showcase



What if I don't have big projects to show?

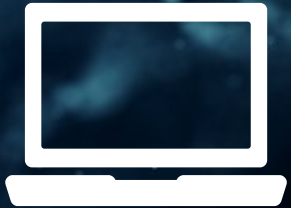
Good. Smaller projects are easier to show, easier to explain and easier to understand for the interviewer.

For instance, everyone can grasp a good old Connect Four.

Have practice of adding verified works to github to build up your profile

Online portfolio:

A website



We will use GitHub pages to serve the README of your project as a website.

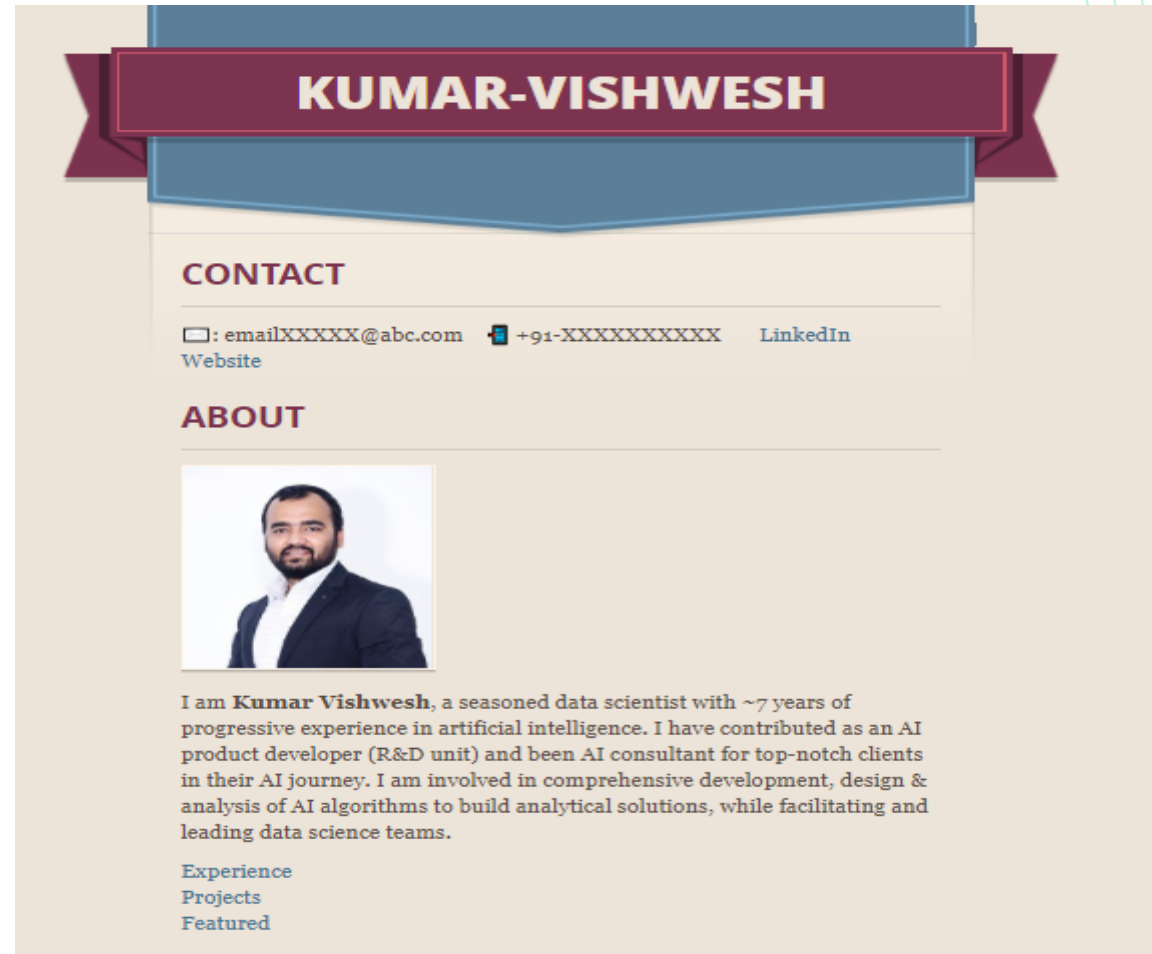
GitHub hosts these websites, so they are free to you.

We will be using markdown¹ to build a portfolio.

After we set up our website, we will use one of the existing themes from Jekyll to give it a more aesthetic feel.

1. Markdown is a lightweight markup language that you can use to add formatting elements to plaintext text documents
[Refer this link](#)

A sample portfolio



<https://<github-user-name>.github.io/<your-name>>

Exercise: Create an online portfolio

Steps to follow

- 1 Create a new GitHub repo
- 2 Click the repo settings tab at the far right of the list & scroll down to the GitHub Pages section
- 3 Switch the source from None to master branch or main
- 4 Click the link at the top of the GitHub pages section to go to your new website
- 5 Copy the template and paste it to your README.md
- 6 Edit the template & preview the changes


Follow along with me

1. Create a new GitHub repo

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner *

 krishwesh54

/

Repository name *

Kumar_Vishwesh


✓

● —————

Name of the repository <Your-Name>

Great repository names are short and memorable. Need inspiration? How about [laughing-palm-tree?](#)


Description (optional)

☒  **Public**

Anyone on the internet can see this repository. You choose who can commit.

● —————

Select repository as Public

☐  **Private**

You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

☒ **Add a README file**

This is where you can write a long description for your project. [Learn more.](#)

● —————


Check this option to have README file

☐ **Add .gitignore**

Choose which files not to track from a list of templates. [Learn more.](#)

☐ **Choose a license**

A license tells others what they can and can't do with your code. [Learn more.](#)

This will set  **main** as the default branch. Change the default name in your [settings.](#)

Create repository

11

2. Click the repo settings tab at the far right of the list & navigate to pages

The screenshot shows the GitHub repository settings for 'krvishwesh54 / Kumar_Vishwesh'. The 'Settings' tab is selected in the top navigation bar. A callout box points to the 'Settings' tab with the text 'Click on settings'. On the left sidebar, the 'Pages' sub-tab is selected, with a callout box pointing to it that says 'Click on Pages'. The main content area displays the 'GitHub Pages' settings, including a green status bar indicating the site is published at 'https://krvishwesh2.github.io/Kumar-Vishwesh/'. Below this, there are sections for 'Source' (main branch), 'Theme Chooser', 'Custom domain', and 'Enforce HTTPS'.

krvishwesh54 / Kumar_Vishwesh

<> Code ⓘ Issues 🔄 Pull requests ⚙️ Actions 📁 Projects 📖 Wiki 🛡️ Security 📊 Insights ⚙️ Settings

Click on settings

<> Code ⓘ Issues 🔄 Pull requests ⚙️ Actions 📁 Projects 📖 Wiki 🛡️ Security 📊 Insights ⚙️ Settings

Options

Manage access

Security & analysis

Branches

Webhooks

Notifications

Integrations

Deploy keys

Actions

Environments

Secrets

Pages

Moderation settings

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

✓ Your site is published at <https://krvishwesh2.github.io/Kumar-Vishwesh/>

Source
Your GitHub Pages site is currently being built from the `main` branch. [Learn more.](#)

🔗 Branch: `main` 📁 / (root) Save

Theme Chooser
Select a theme to publish your site with a Jekyll theme. [Learn more.](#)

Choose a theme

Custom domain
Custom domains allow you to serve your site from a domain other than `krvishwesh2.github.io`. [Learn more.](#)

Save Remove

☒ **Enforce HTTPS**
— Required for your site because you are using the default domain (`krvishwesh2.github.io`)

Snipping Tool

New Mode Delay Cancel Options

Select the snip mode using the Mode button or click the New button.

Snipping Tool is moving...

In a future update, Snipping Tool will be moving to a new home. Try improved features and snip like usual with Snip & Sketch (or try the shortcut Windows logo key + Shift + S).

3. Switch the source from None to master branch or main

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

📘 Your site is ready to be published at https://krvishwesh54.github.io/Kumar_Vishwesh/

Source

Your GitHub Pages site is currently being built from the `main` branch. [Learn more.](#)

🔗 Branch: `main` ▾

📁 / (root) ▾

Save

Select branch ×

Select branch

✓ main

None

heme. [Learn more.](#)

Change branch to main

Save

Remove

☒ Enforce HTTPS


— Required for your site because you are using the default domain (krvishwesh54.github.io)

HTTPS provides a layer of encryption that prevents others from snooping on or tampering with traffic to your site. When HTTPS is enforced, your site will only be served over HTTPS. [Learn more.](#)

4. Click the link at the top of the GitHub pages section to go to your new website

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

 Your site is ready to be published at https://krvishwesh54.github.io/Kumar_Vishwesh/

Source

Your GitHub Pages site is currently being built from the main branch. [Learn more.](#)

 Branch: main ▾  / (root) ▾ Save

Select branch ×

☒ main

☐ None

[Learn more.](#)

[Learn more.](#)

Save Remove

☒ Enforce HTTPS

— Required for your site because you are using the default domain (krvishwesh54.github.io)

HTTPS provides a layer of encryption that prevents others from snooping on or tampering with traffic to your site. When HTTPS is enforced, your site will only be served over HTTPS. [Learn more.](#)

Once the branch is changed to main, you can access your website through this URL

The web page should show the contents of the README.md of your repo.

Congrats! you already have a working website.

If you are getting a 404 error, don't worry. Sometimes it takes a little bit of time for the server set up

5. Copy the template and paste it to your README.md

Follow the link below and copy the content to Your README.md file

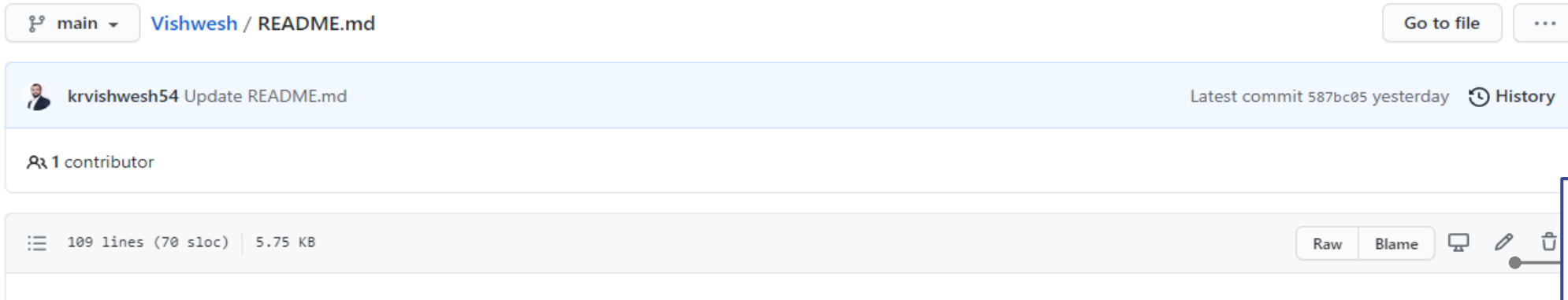


<https://raw.githubusercontent.com/krvishwesh54/Kumar-Vishwesh/main/README.md>

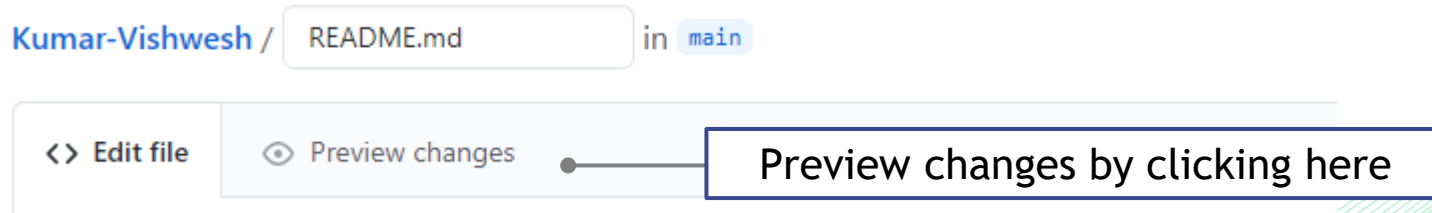
Once you have saved README, your URL will start hosting the copied content

6. Edit the template & preview the changes

Navigate to README file and click on edit icon



While editing you can also preview changes



Online Portfolio: Guidelines on how to edit the sections of your portfolio

Online Portfolio: Sections

In the template provided, we have six sections:

Contact	Your contact details, Online Profile like Linkedin etc.
About	A crisp introduction showcasing your gained expertise and roles played (aspiring roles)
Experience	Professional Experience
Education	Educational Qualification
Projects	Links to your projects with supporting headline, image etc.
Featured	List out certifications, achievements etc.

CONTACT

```
<!-- Add your details -->
```

✉: email_id@xxxxx.com

 is to provide inline space

Format to add link

```
<!-- CONTACT Section Ends -->
```

CONTACT


```
<!-- ABOUT Section Starts -->
```

```
### ABOUT
```

```
<!-- Add link to your picture -->
```

```
![alt text](https://raw.githubusercontent.com/krvishwesh54/Kumar-Vishwesh/main/images/profile.jpg) Add URL to your image
```

```
<!-- Add your details -->
```

Add your details here

I am __Kumar Vishwesh__, a seasoned data scientist with ~7 years of progressive experience in artificial intelligence. I have contributed as an AI product developer (R&D unit) and been AI consultant for top-notch clients in their AI journey. I am involved in comprehensive development, design & analysis of AI algorithms to build analytical solutions, while facilitating and leading data science teams.

```
<!-- Add link to the sections -->
```

Add links to your sections to be created

```
[Experience](#experience) <br>
```

```
[Education](#education) <br>
```

```
[Projects](#projects) <br>
```

```
[Featured](#featured) <br>
```

```
<!-- ABOUT Section Ends -->
```

If you do not have URL of your image, you need to create a separate images folder in your github repository and upload images there. Then you can get raw github URL that you can provide here in the layout.

ABOUT

<!-- EXPERIENCE Section Starts -->

EXPERIENCE

<!-- Add your details -->

Add your details here

BOSTON CONSULTING GROUP

SENIOR ANALYST

June-2019 to Present: 1 year 10 Months

ROLE: Data Scientist/ Machine Learning Engineer/ AI Consultant

UNIT: BCG GAMMA

Working on various analytics based cases that facilitates clients for next-generation AI strategy. Involved in asset building while applying scientific algorithms on a huge amount of text, time-series data, images and other forms of unstructured data.

<!-- EXPERIENCE Section Ends -->



EXPERIENCE

```
<!-- EDUCATION Section Starts -->  
### EDUCATION  
<!-- Add your details -->      Add your details here  
##### LNCT Bhopal  
Engineering Graduate 2010-14, First Division  
  
<!-- EDUCATION Section Ends -->
```

EDUCATION


```
<!-- PROJECTS Section Starts -->
```

```
### PROJECTS
```

```
<!-- Add your details -->
```

```
[Classification based projects](#classification-based-projects) <br>
```

[Link to your projects](#)

```
[Regression based projects](#regression-based-projects) <br>
```

```
<!-- Add your details -->
```

[Add your details here](#)

```
#### Classification based projects
```

```
![alt text](https://raw.githubusercontent.com/krvishwesh54/Kumar-Vishwesh/main/images/Classification.png)
```

[Link to image](#)

In machine learning, classification refers to a predictive modeling problem where a class label is predicted for a given example of input data.

```
[Click here to view codebase](https://github.com/krvishwesh54/DataScience_DeepLearning_MachineLearning/tree/master/Classification)
```

```
#### Regression based projects
```

```
![alt text](https://raw.githubusercontent.com/krvishwesh54/Kumar-Vishwesh/main/images/Regression.jpg)
```

Regression is a supervised learning technique which helps in finding the correlation between variables and enables us to predict the continuous output variable based on the one or more predictor variables.

```
[Click here to view codebase](https://github.com/krvishwesh54/DataScience_DeepLearning_MachineLearning/tree/master/Regression)
```

```
<!-- PROJECTS Section Ends -->
```

PROJECTS

```
<!-- FEATURED Section Starts -->
## FEATURED
<!-- Add your details -->      Add your details here
##### Certifications
Machine Learning by Columbia University

##### Achievements
Star performer of the year at Accenture
<!-- FEATURED Section Ends -->
```



FEATURED

Choose a theme

To do this, you click on the repo settings button again and return to the Github Pages setting box.

Source
Your GitHub Pages site is currently being built from the master branch. [Learn more.](#)

master branch ▾

Theme Chooser
Select a theme to publish your site with a Jekyll theme. [Learn more.](#)
Your site is currently using the Slate theme.

Change theme

←

Cayman

Slate

MERLOT

Time Machine

MINIMAL

Leap Day

→

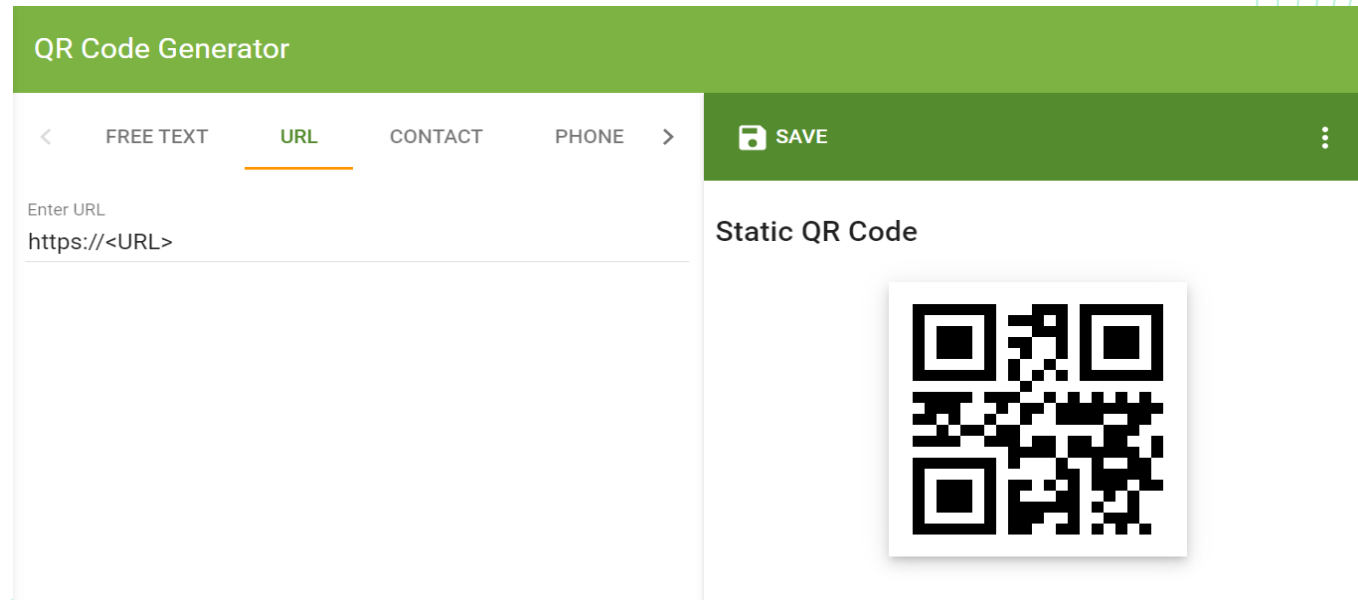
Hide thumbnails

Select theme

Create QR code

Generate QR code through URL: <https://www.the-qrcode-generator.com/> using your portfolio URL.

This generated QR code can be used on your hard copy of your resume/CV so that it redirects your online portfolio post scanning.





Where to go from here?

Other Resources

We have used markdown template to create online portfolio. You can further explore this resource as it uses html templates to create online portfolio.

<https://www.geeksforgeeks.org/how-to-build-portfolio-website-and-host-it-on-github-pages/>