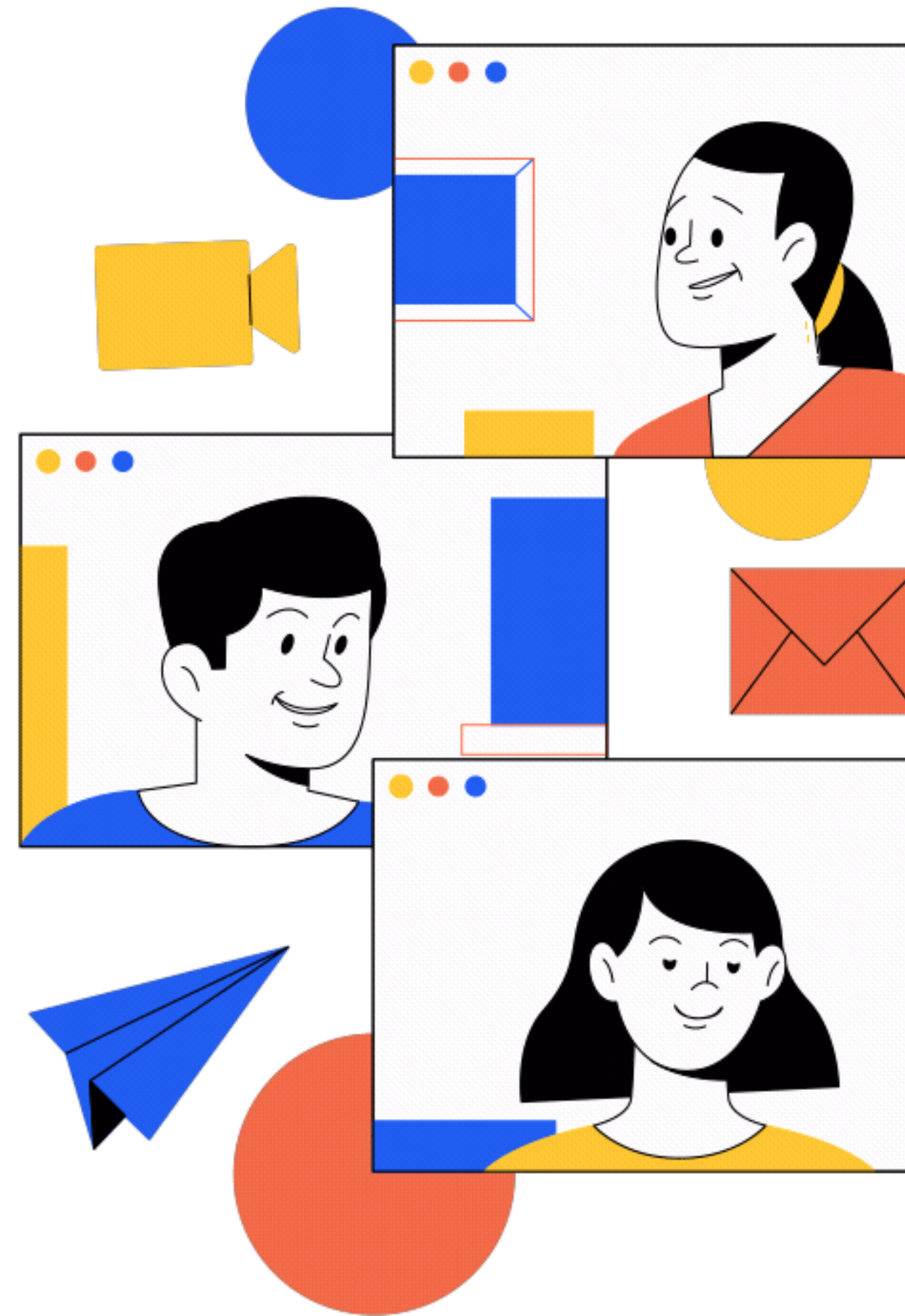**THE CLOUDOPS WIZARDS**

TCW

#10weeksofCloudOps
Week #4

Learn, share and grow together as a community!

Weekly live sessions on Discord.

ⓘ Anyone can join, no fees/cost

#Week3 Challenge

Implement a 2-tier architecture in AWS or Azure or GCP using Terraform.

- Leverage modules to create reusable and shareable
- Use variables and data sources to make your code flexible and maintainable.
- State file should be stored remotely.
- Security should be kept in mind.

Deliverables:

- Blog and LinkedIn/Twitter posts.
- Architectural diagram.
- Github repo with code and readme file.
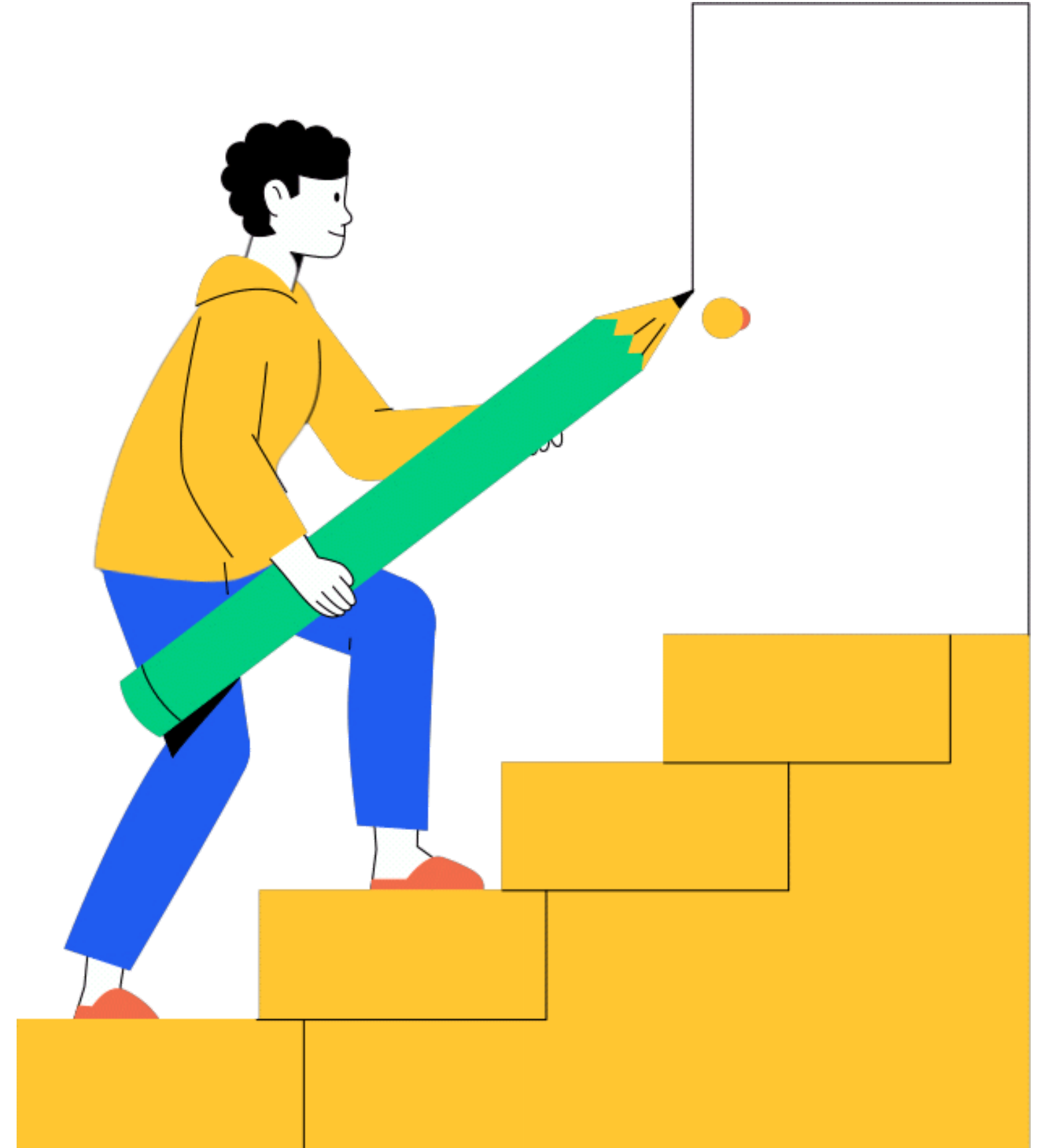
Went well!

Everyone completed the task

Blogs were well crafted with details

Everyone was able to execute the code

Added Screenshots and other relevant details

Details around what we are doing and why we are doing

WE DID NOT GIVE UP!

Can be done better!

- Custom modules were missing

- Diagrams need a little more work

- Terraform installation

- Missing references

- Testing FE/DB

- SSL/GitHub Repo

ANKIT JODHANI

MAHESH UPRETI

WEEK #3 WINNERS

HTTPS://ANKITJODHANI.HASHNODE.DEV/STEP-BY-STEP-GUIDE-IMPLEMENTING-TWO-TIER-ARCHITECTURE-IN-AWS-WITH-TERRAFORM-10WEEKSOFCLOUDOPS

HTTPS://MUPRETI.HASHNODE.DEV/KEEPING-IT-DRY-WITH-REUSABLE-TERRAFORM-MODULES-IN-THE-AWS-CLOUD

- Completed all the requirements

- Well formatted blog and Github

- Perfect Diagram

- Completed all the requirements

- Explained every file thoroughly

- Perfect Diagram

#Week4 Challenge

CICD on Kubernetes

- Dockerize a web application
- Provision a Kubernetes cluster using terraform(EKS/AKS/GKE/Minikube)
- CICD on Kubernetes using ArgoCD
- Security and best practices should be kept in mind.

Deliverables:

- Blog and LinkedIn/Twitter posts.
- Architectural diagram.
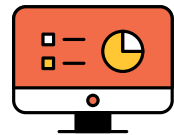- Github repo with code and readme file.
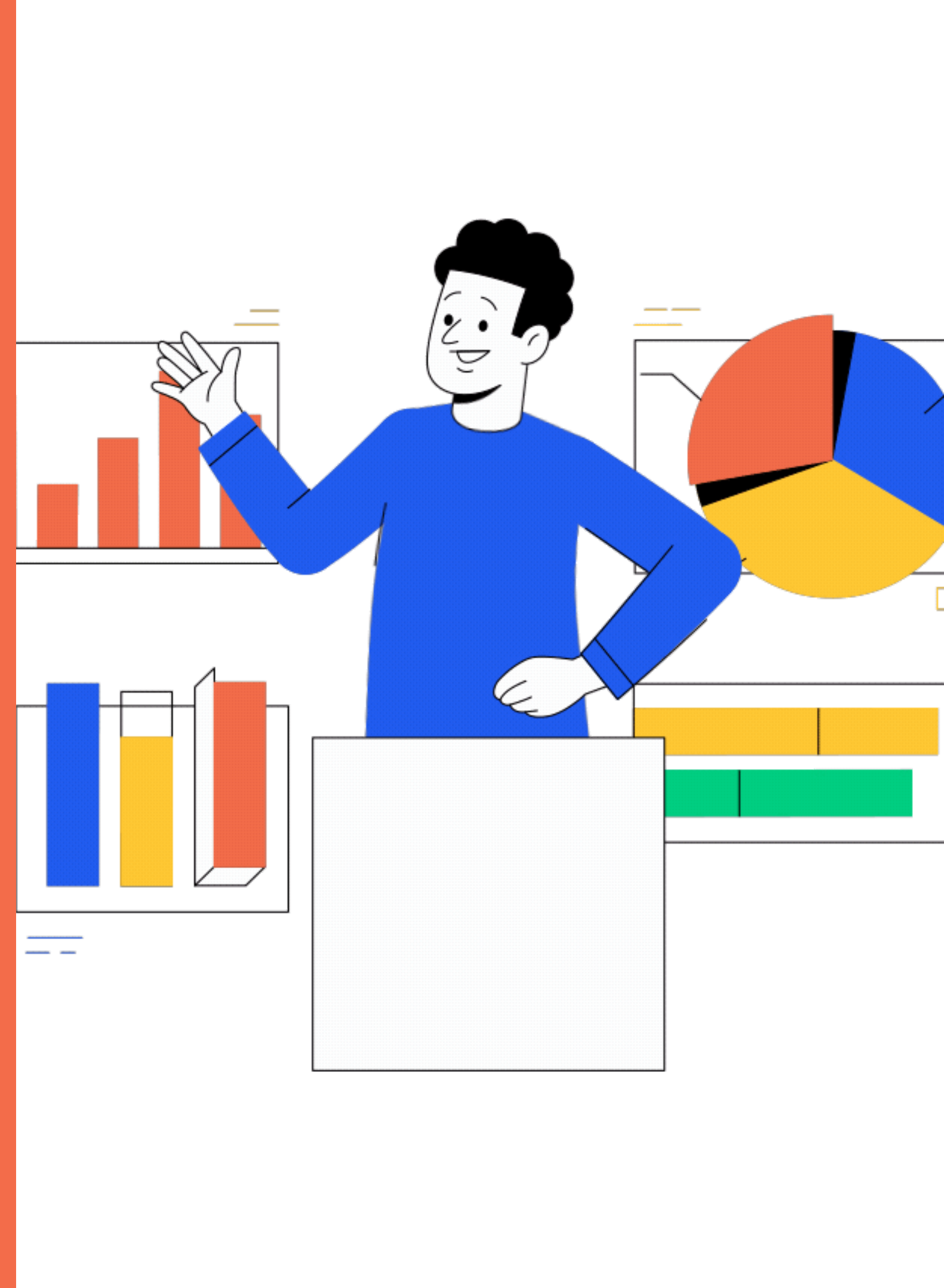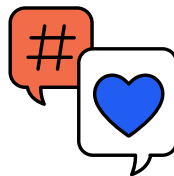
Steps to Participate

Cool gifts for winners

Register for the challenge if you haven't.

Build the End to End project and publish it on blogs or GitHub repo

Complete the submission before Thursday EOD so that we can review it on Friday before our next Saturday session.

Promote your Blogs/Github on Linkedin/Twitter, mention me(Piyush Sachdeva) and the #10weeksofcloudops challenge

Submission must be done individually and on a public GitHub Repo

Useful Documentations

- Will share later

Thank you!

Join our Discord community:
https://discord.com/invite/TNCs4BRzq8

Feel free to reach out for any queries:
Linkedin: piyush-sachdeva
Youtube: @TechTutorialsWithPiyush
Twitter: techie_piyush