- What is open source
- Why do people open source their work
- Why contribute to open source
  - Events
  - Exposure and connections
  - Job Opportunities
- GitHub
  - What is a repository
  - Creating a repository
  - Uploading files to repository
  - Uploading a repository from git bash
- Before contributing to a real world project
  - Ethics and inclusiveness
  - Technologies widely used
  - Branches of a repository and feature branch
  - Reading contributing guidelines
  - Issues and issue tags
  - Building the project if required
  - Some terminology
    - Pushing, Fork, Issue, Clone, Raising a PR, Merging a PR
- Tutorials
  - Making branch in current repo and switch branches
  - Contributing to a real world project
  - Using gitpod
  - QnA

Beginners Guide to Open Source📚

By Rohan Sharma

What is Open Source? 💡

Open source software is code that is designed to be publicly accessible. Anyone can see, modify, and distribute the code as they see fit.

Why Contribute to open source?🤌

- Exposure to real world projects
- Connecting to new people
- Getting a feature implemented
- Getting Jobs
- Participating in events

Why do people open source their work? 🤷‍♀️

- Scalability
- Closer to community
- Free and Accessible
- Maintenance
- Cheaper
- Security

GitHub

Repository

A repository contains all of your project's files and each file's revision history. You can discuss and manage your project's work within the repository.

Activity💡

Creating a repo using GitHub UI
And uploading files to the repo.

Activity💡

Creating a repo using GIT BASH
And uploading files to the repo.

Any Doubts?🤔

Feel free to ask any doubts so far.

Before contributing to real world project 🚀

- Ethics and inclusiveness
- Technologies widely used
- Branches of a repository and feature branch
- Conflicts due to incorrect branching
- Reading contributing guidelines
- Issues and issue tags
- Building the project if required
- Some terminology
  - Pushing, Fork, Issue, Clone, Raising a PR, Merging a PR, Commit, Staging area, Pull request checks, merge conflict

MERGE CONFLICT

A Nightmare 👻

Activity💡

Working with branches in Github UI,
switching branches in VS Code

Any Doubts?🤔

Feel free to ask any doubts so far.

Activity💡

Contributing to real world project using GitHub Ui

Any Doubts?🤔

Feel free to ask any doubts so far.

Activity 💡

Contributing to real world project using VS Code

Any Doubts?🤔

Feel free to ask any doubts so far.

Bonus🎁

GitPod

QnA 🙋‍♂️

Feel free to ask any doubts so far
or questions