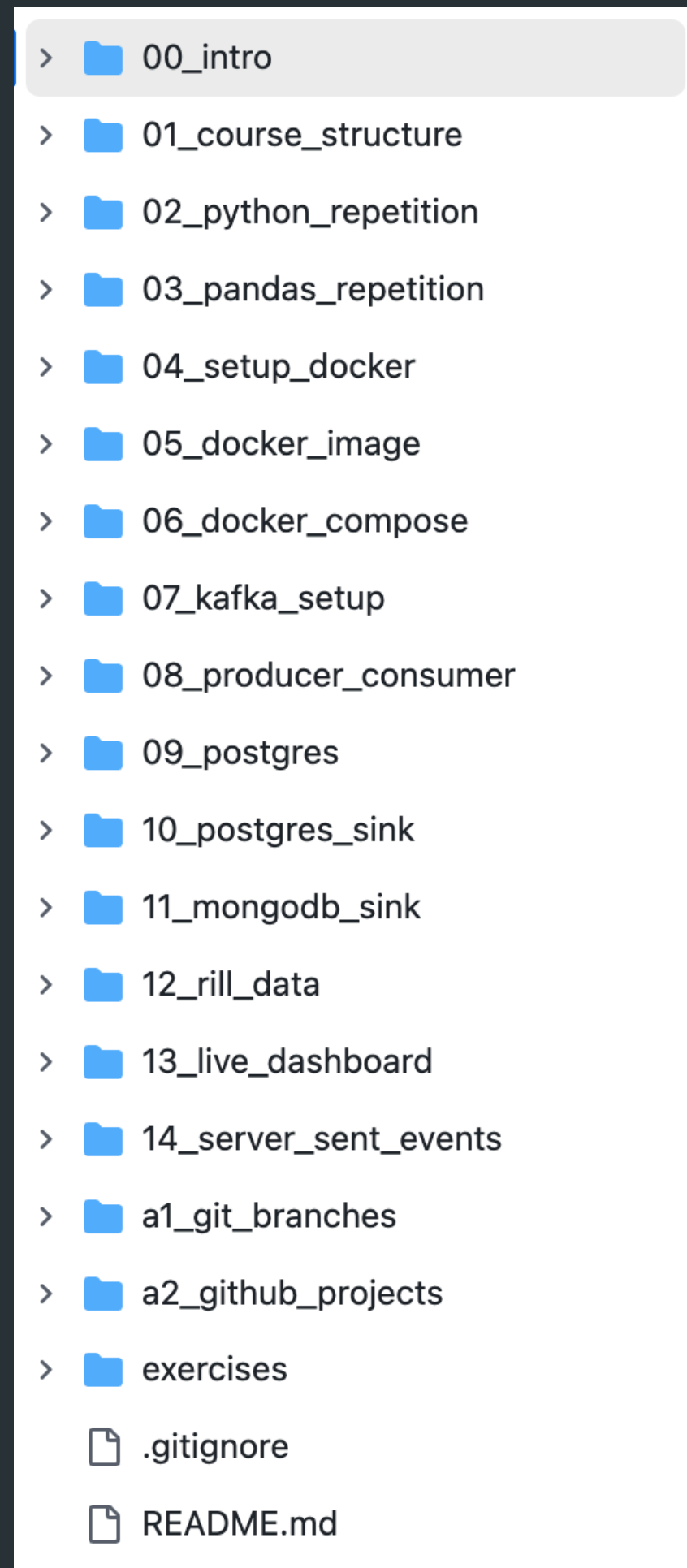kokchun giang

how this data platform course is **structured**

everything can be found in the course **github repository**

- > 📁 00_intro
- > 📁 01_course_structure
- > 📁 02_python_repetition
- > 📁 03_pandas_repetition
- > 📁 04_setup_docker
- > 📁 05_docker_image
- > 📁 06_docker_compose
- > 📁 07_kafka_setup
- > 📁 08_producer_consumer
- > 📁 09_postgres
- > 📁 10_postgres_sink
- > 📁 11_mongodb_sink
- > 📁 12_rill_data
- > 📁 13_live_dashboard
- > 📁 14_server_sent_events
- > 📁 a1_git_branches
- > 📁 a2_github_projects
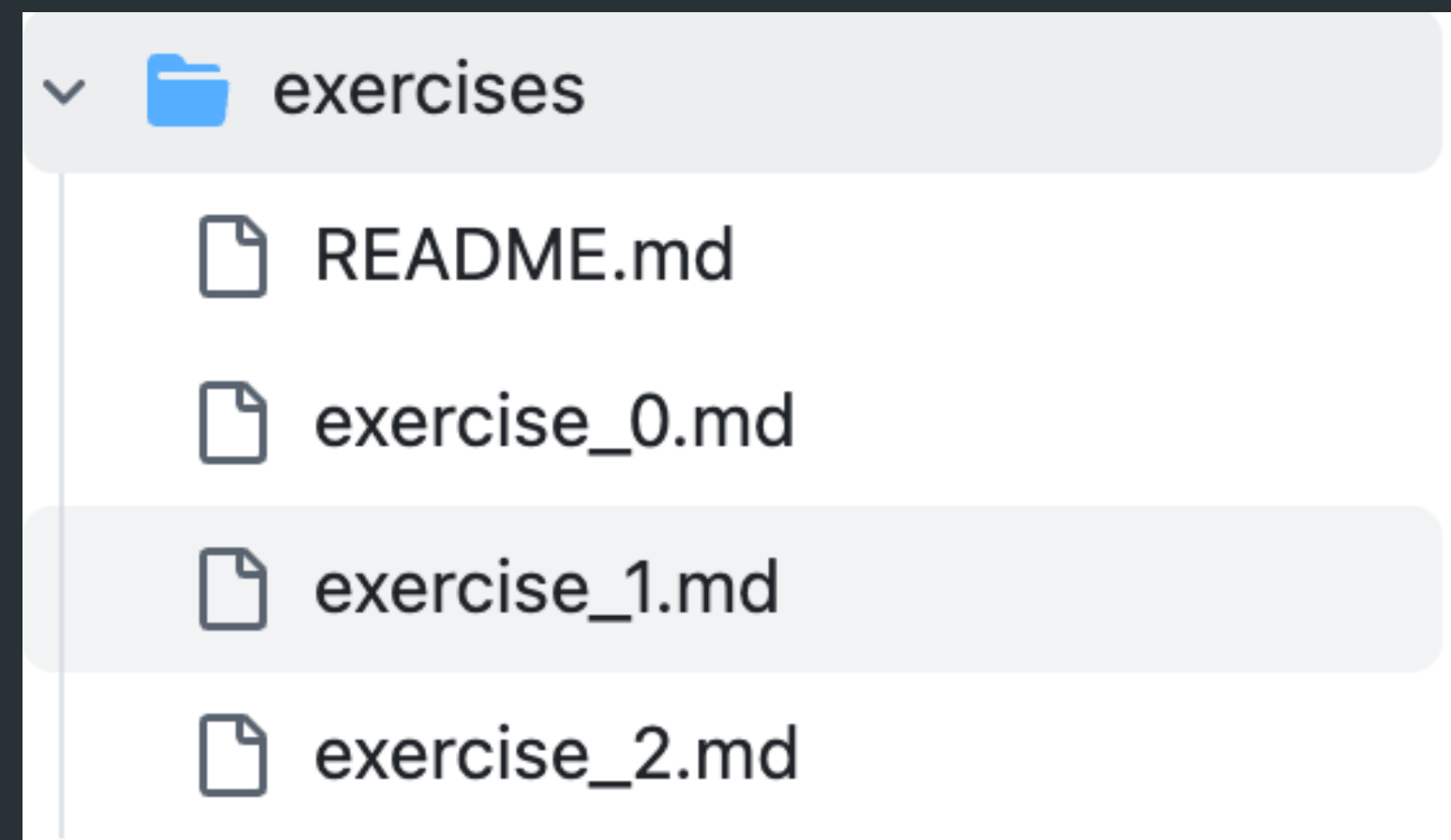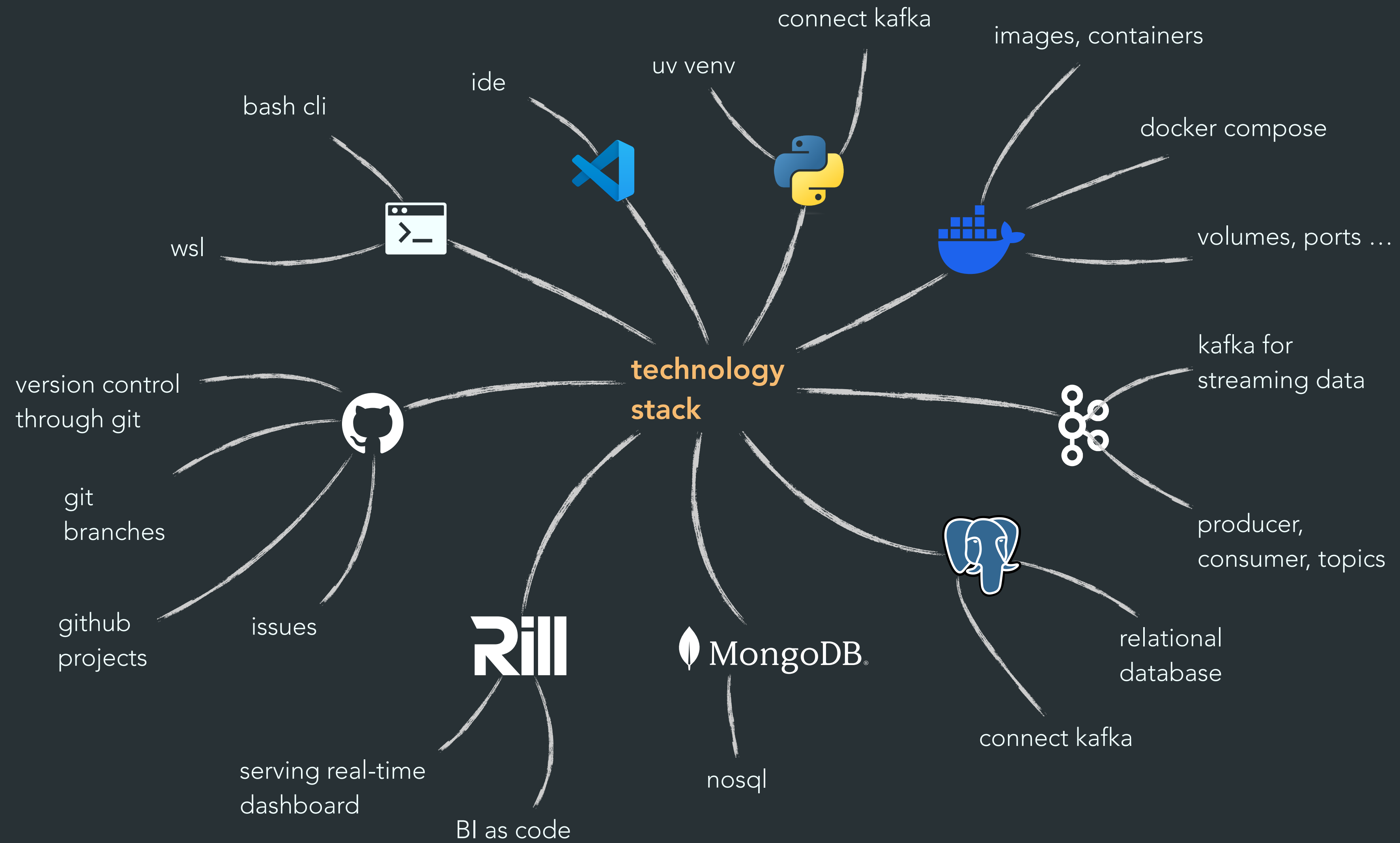- > 📁 exercises
- 📄 .gitignore
- 📄 README.md

main content in github repository

kokchun giang

kafka setup for streaming data - code alongs video

videos found in readme of each lecture

- ∨ 📁 exercises
  - 📄 README.md
  - 📄 exercise_0.md
  - 📄 exercise_1.md
  - 📄 exercise_2.md

technology stack

bash cli
ide
connect kafka
uv venv
images, containers
docker compose
volumes, ports …
wsl
version control through git
git branches
github projects
issues
kafka for streaming data
producer, consumer, topics
relational database
connect kafka
serving real-time dashboard
BI as code
nosql

a few **study technique** tips

	pause and code along		go back to video	
	type out code, don't copy paste	discuss with classmates	check with LLM	
overview	watch several times	bring questions	check resources	skim through

next lecture →

glossary   **video**   **class**   **practical exercise**   **resources**