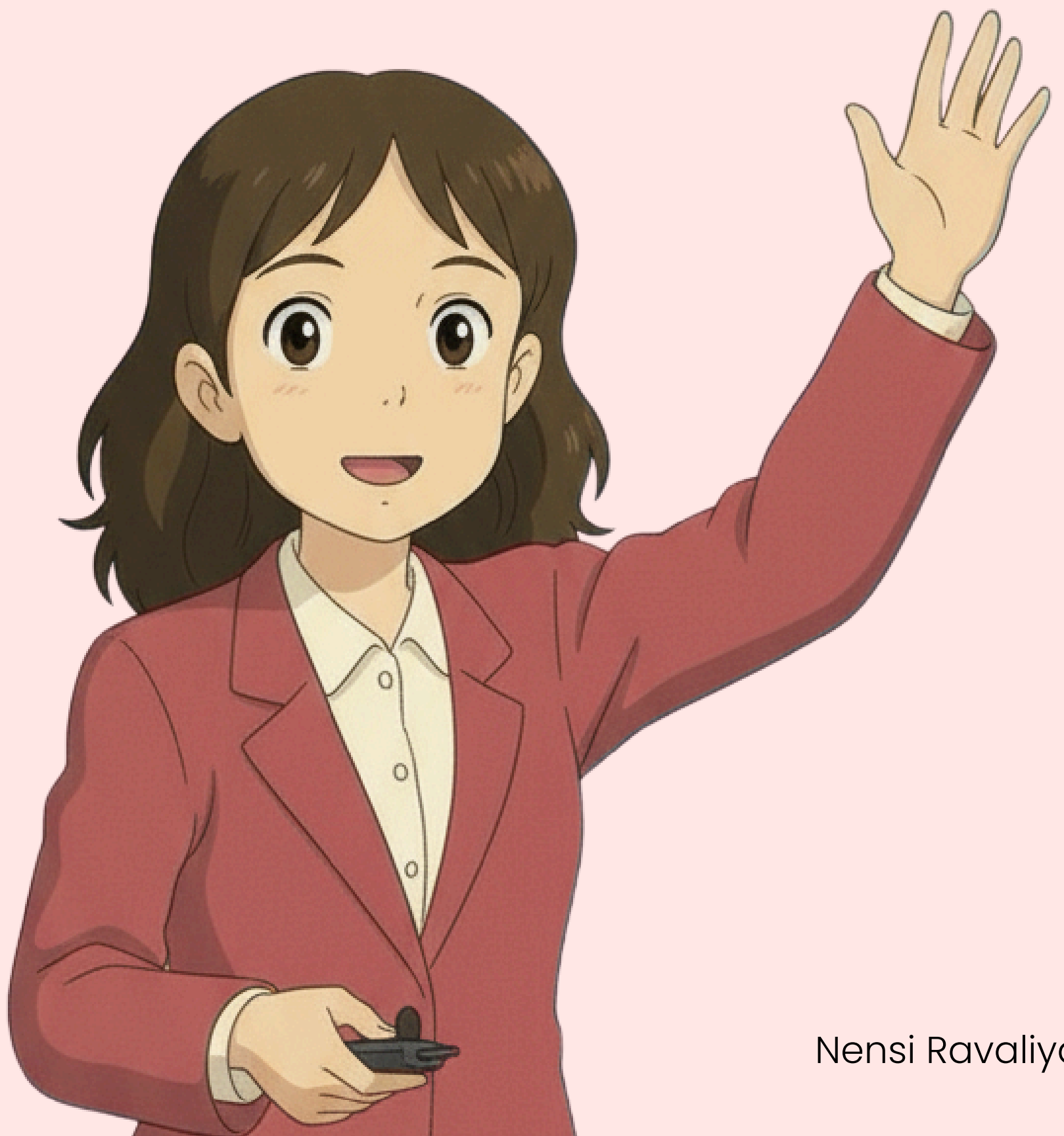# Must-know about

MLOPS

Nensi Ravaliya

→

What is MLOps?

- **DevOps** meets **machine learning** engineering.
- Takes ML models from **experiment to production.**
- Keeps models **healthy, fast, and reliable.**
- **Bridges** data science and operations teams.
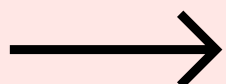- The **secret** sauce behind AI at scale.

Nensi Ravaliya

WHY ?

- Models work in labs, **fail in production.**
- **Manual** deployments = slow and risky.
- Nobody knows which data **trained the model.**
- **Performance drifts**. Nobody catches it.
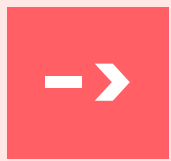- Firefighting instead of **preventing issues.**

→

Five Pillars of MLOps Workflow

5

- **Data:** Version, validate, and automate pipelines.
- **Model:** Train, test, and track experiments.
- **Deploy:** Automate release with CI/CD gates.
- **Monitor:** Watch performance, catch drift early.
- **Retrain:** Continuous improvement, automated loops.

Nensi Ravaliya

What MLOps Delivers? (The Win)

WHAT ?

- **Faster model releases**. Weeks to hours.
- **Reproducible results.** Every time, same model.
- **Reduced errors.** Automated testing catches bugs.
- **Better collaboration**. Data, ML, ops speak same language.
- **Compliance ready.** Full audit trail, zero guesswork.
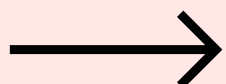
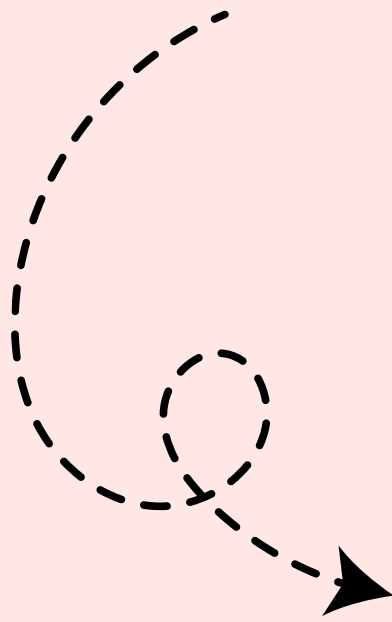Nensi Ravaliya

Start Your MLOps Journey Today

- Pick one **use case.** Keep it simple first.
- **Version** your data and code. Non-negotiable.
- Set up basic **monitoring**. Catch surprises early.
- **Automate** what you can. Manual work kills.
- **Learn, iterate, scale.** This is a journey.

→

Nensi Ravaliya

Repost and Follow
Nensi Ravaliya
for more content

Want to build your career in cloud?

Subscribe to Yatri Cloud Channel