

Welcome to DevOps with AWS Training



By Raghu

Todays Agenda

1

Before DevOps

2

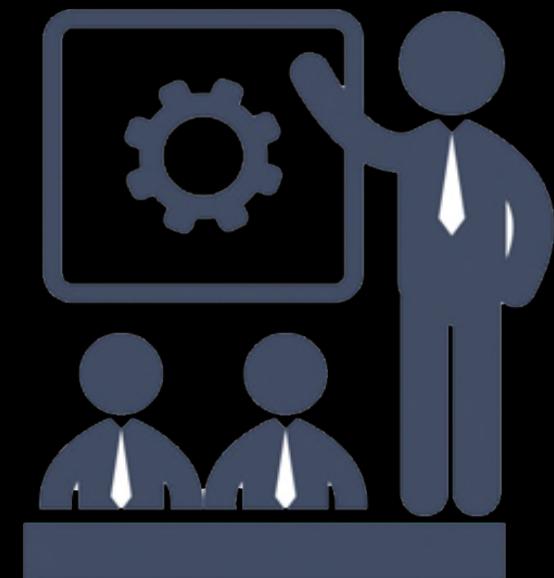
DevOps Evolution

3

Tools you Learn

About Trainer

- > 12y of IT experience
- > 10y as trainer experience
- > Delivered 140+ batches on different technologies
- > Working as Lead Consultant and Architect.
- > Most experience with Enterprise Organisations.



Software Development Life Cycle

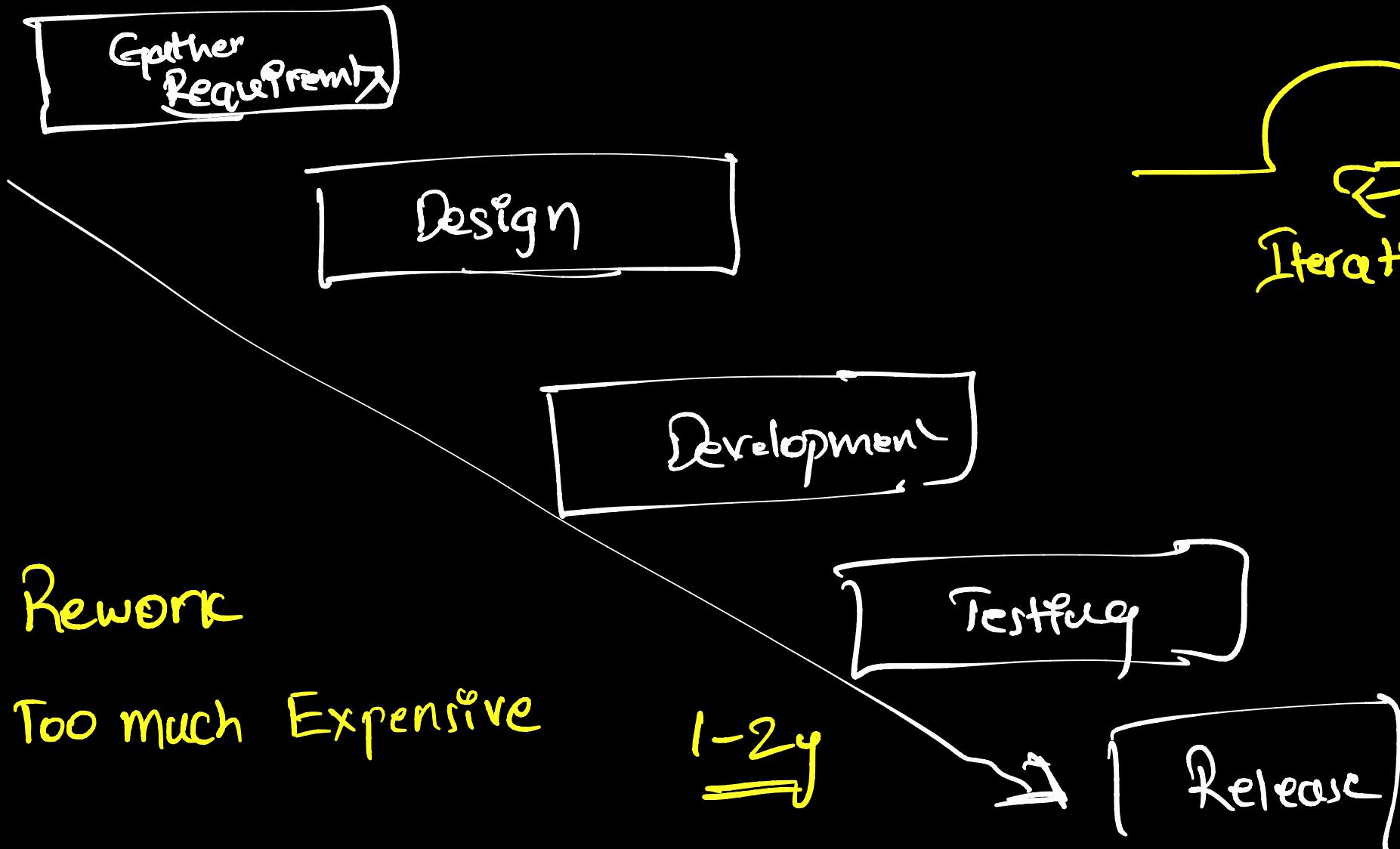
Agile

Waterfall

Incremental

Earlier with SDLC

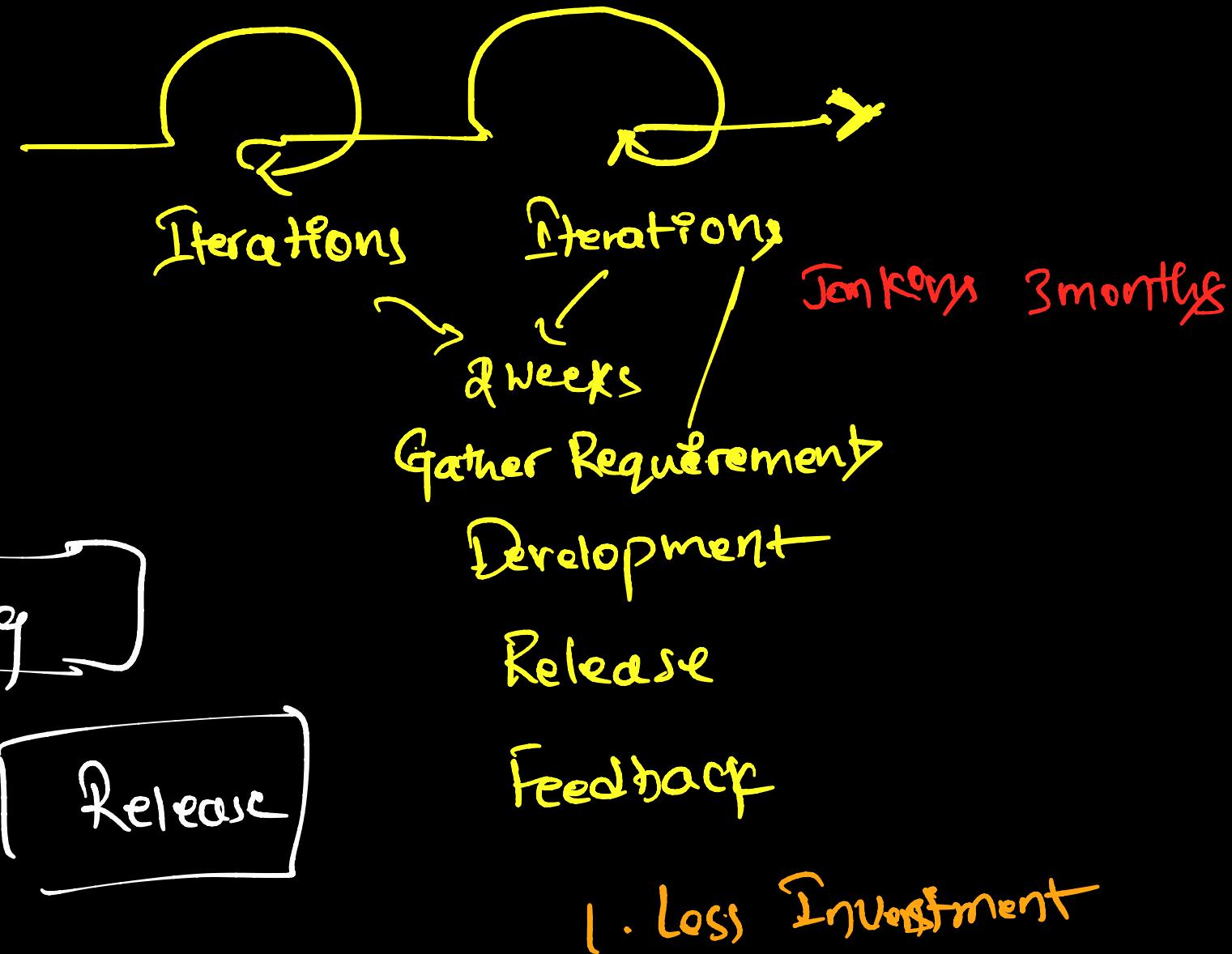
Waterfall Model



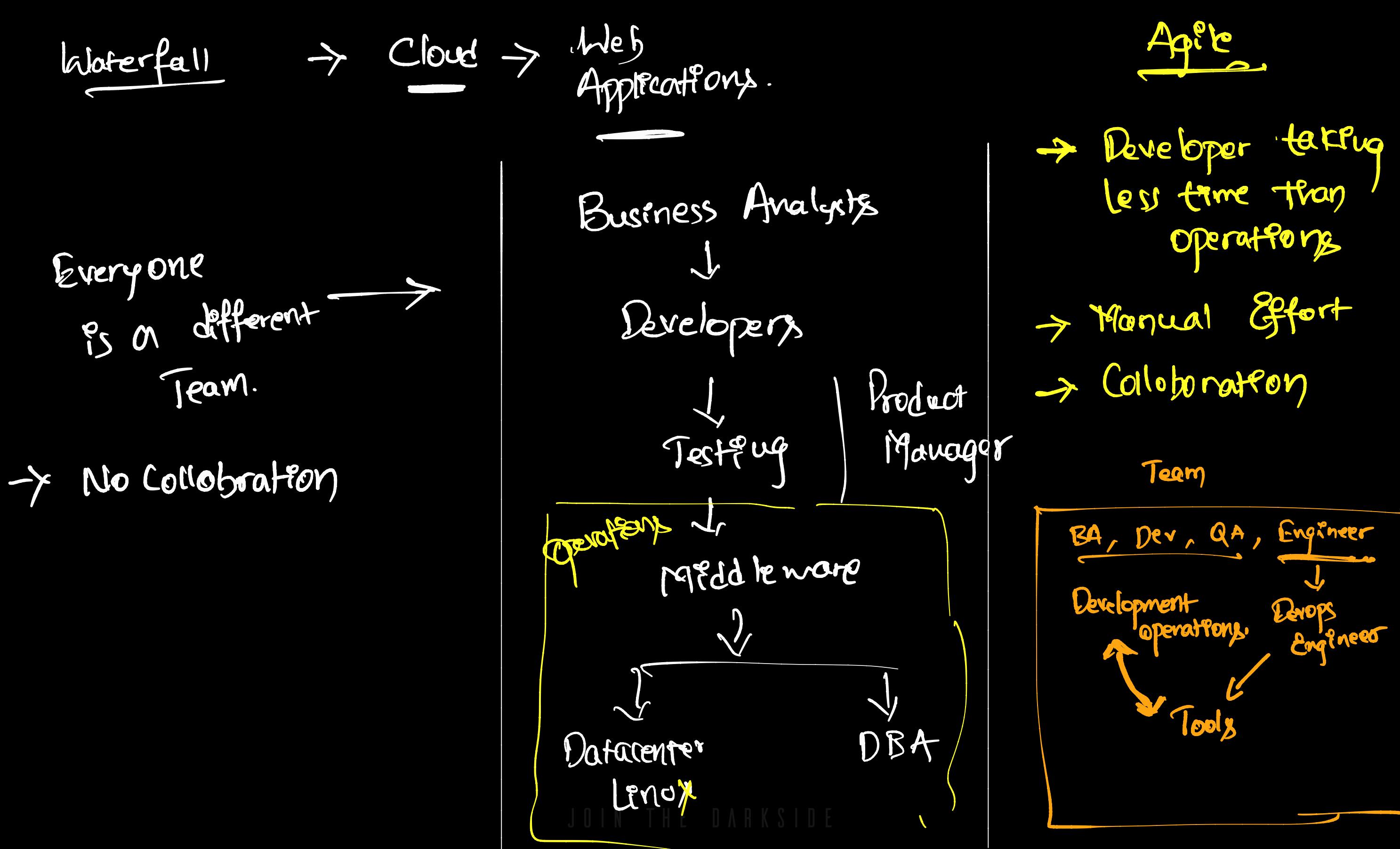
1. Rework

2. Too much Expensive

Agile Model



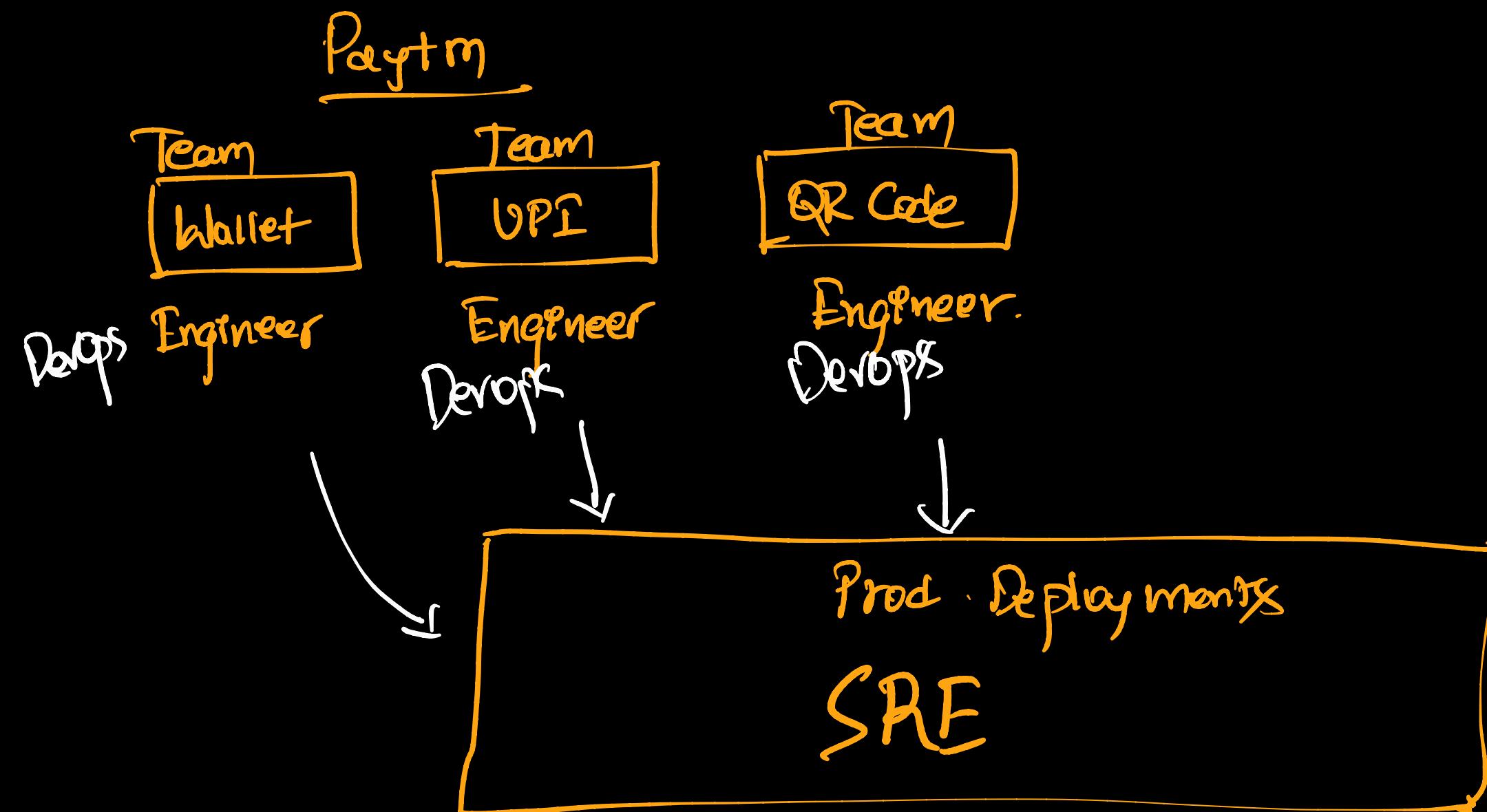
What is a need for DevOps Role



Roles of a DevOps Engineer

1. Post - Development Activities
2. 100% / 99.99% Uptime of your Application

} Automation



Tools we Learn: **Linux**

Basic Commands 35-40
Admin Commands



Application Architecture

NodeJS
JAVA
GO
PHP
PYTHON

MongoDB
MySQL
Redis
RabbitMQ / Kafka

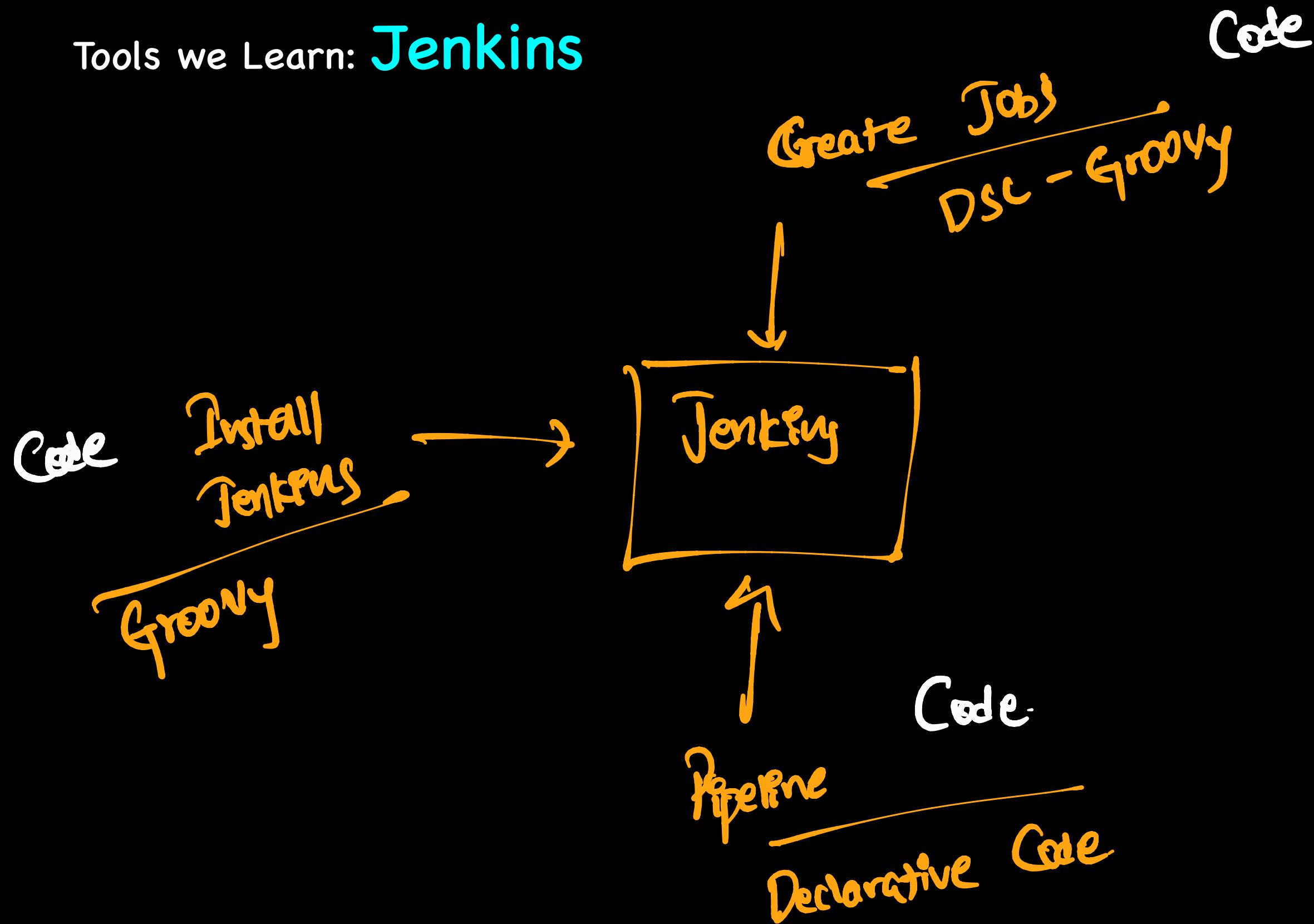
Nginx
Angular JS

Tools we Learn: **Shell Scripting**

Automation. of Application

Tools we Learn: **Terraform**

Tools we Learn: Jenkins



Tools we Learn: **Ansible**

Tools we Learn: CI/CD Tools

Maven / Gradle

Node.js

Go

PHP

Python

Testing, Selenium
Python

Compilers

Quality
SonarQube

Registry

Sonatype
Nexus

Jira
→ Git

Scrum

Tools we Learn: **Monitoring**

Server Side

Monitoring

New-Relic

Log Aggregation

EUK

Tools we Learn: **Docker**

Deploy Application
with
Docker.

Tools we Learn: **Kubernetes**

CI/CD

Tools we Learn: Deployment Strategies

Rolling Update

Blue-Green

Canary Deployments.

-> Who can Pursue the Course?

BA, Developer, QA, Middleware, Linux, DBA , DC,

-> How is the market for DevOps ?

Skills → High Paid.

Any Enthusiasts

Freshers

LEARN

-> Services that we Offer as part of Course...

1. Recordings
2. Slack
3. Workshop / Showcase.

Q & A

JOIN THE DARKSIDE