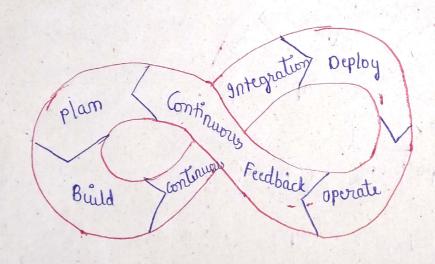
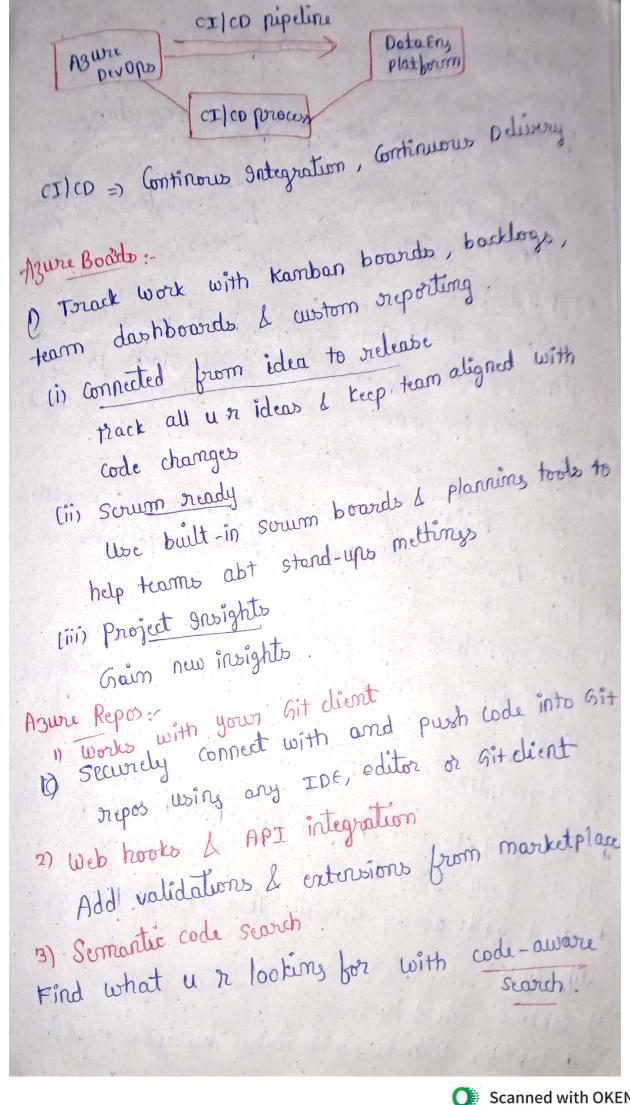


- 2) Agure Repos
- * Unlimited doud-hosted private Git repos.
- * Collaborative pull requests
- 3) Azure pipelines > Continuous Integration of Continuous Peliver
- * CI/CD that works with any language, cloud & plat
- * Connect to Git Hub or any Git provider and deploy continuously to any cloud.
- 4) Azure Test Plans
- * Fest management & exploratory testing toolkit lit u build confidence
- 5) Azure Artifacto
 - * Greate, host and share packages
 - * Easy add artifacts to cICO pipelines



* Devops is a process to build cIlco pipeline in Data Engineering



Azure pipelines cloud-hosted pipelines with for linux, windowy 1) Any language, any platform, any dovid Macos Node.js, python, gava, Linux, windows, PHP, Ruby, c/c++, . NET Macos Scp 2) Extensible explore à build, test à deployment tasks along with hundreds of entensions from Stack to Song doad support for YAML. 3) Containers & Kubernetes casily build & push images to container registric Like Azure container Registry. Deploy containers to ndividual L kubernetes 4) Best-in-class for open source. Ensure fast CICO pipelinus for every open source project. * Get end-to-end traceability. Run tests and log Azure Testplans défeits from your brouser. * track and assess quality throughout testing life cycle. 1) capture ruch data: * capture nich scenario data as you execute

justs to make put discovered defects into action * Explore user stories without test cases or test stype * We can create test cases directly 2) Test across web and desktop * test your application where it leaves * Test on-premises apply from the doud and vice-versa. 3) Get end - to - end traceability * pay as you go use * pay for the tools only when you need them. Azure Artifacts * fully integrated into CI/CD pipelines 1) marrage all package types 2) Add packages to any pipeline Share packages, and use built-in cz/cD, versioning, and testing 3) Share code efficiently. Early share code across small teams & large enterprises Technologies to support Devops: * Using Devops we can deliver s/w faster and more reliably. * " provide continuous volue to our users.

CI (Continuous Integration) * Improve s/w development, quality & speed * 9/ we commit code by using Azure pipelines build apps in cloude, it's outomatically build by and tested 1 bugs are detected faster CD (Continuous Deployment) * With cD, we automate entire process from a Commit to production if cI/cD tests are successful Continuous Learning & monitoring * We can know how own applications are performing and test whether reunt deployment has made things better or worke * Using monitoring tools, we'll be able to safely deliver features to customers