Data Engineering Batch 1 **Day 23:22/02/2024**

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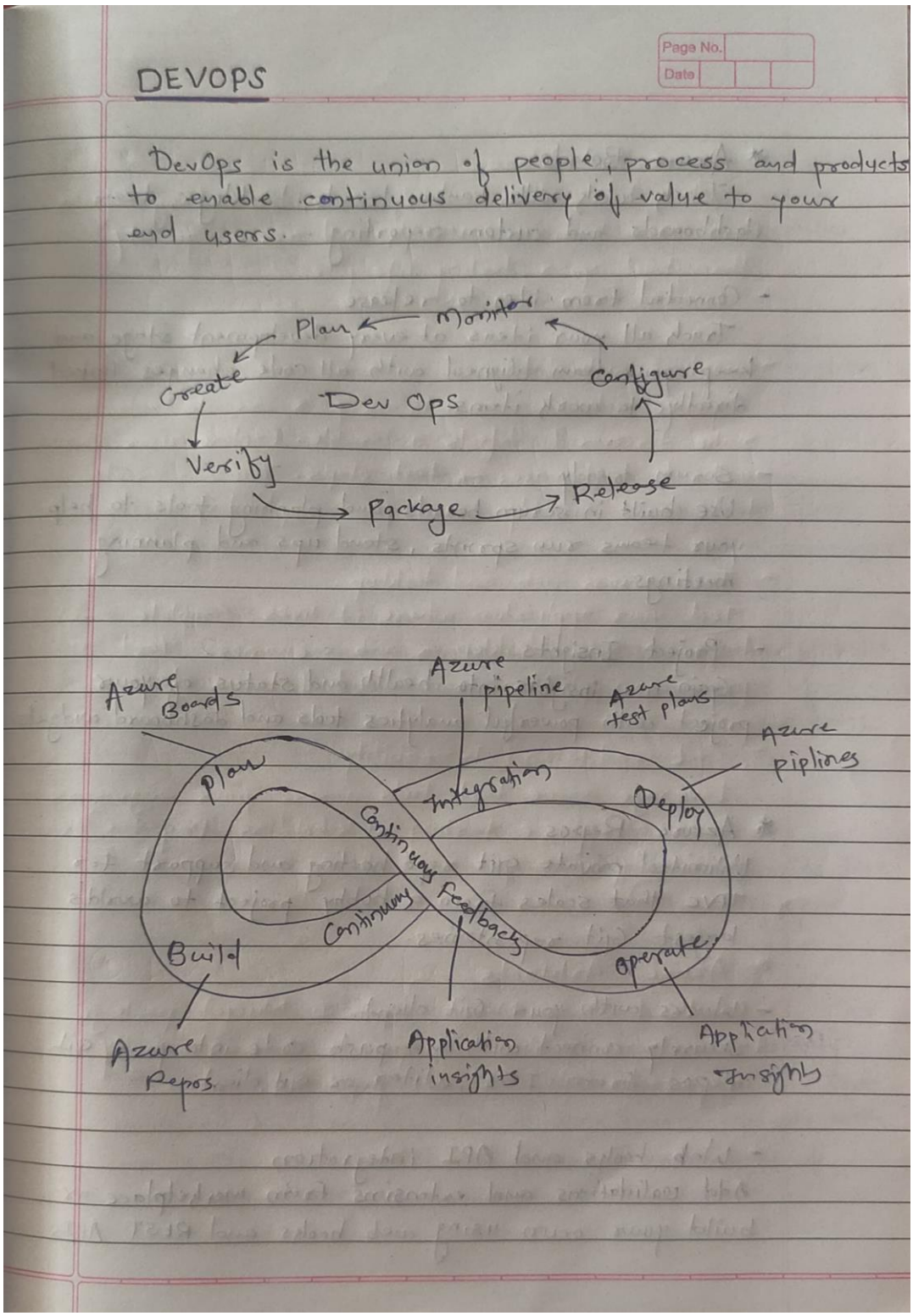
- **Notes**



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* Azure Boards
Track coork with kanban boards, backlogs, team dashboards and custom reporting.

- Connected from idea to release
Track all your ideas at every development stage and keep your team aligned with all code changes linked directly to coork items.

- Scrum ready
Use built in scrum boards and planning tools to help your teams run sprints, stand ups and planning meetings.

- Project Insights
Gain new insights into health and statys of your project with powerful analytics tools and dashboard widgets.

* Azure Repos
Unlimited private Git repo hosting and support for TFVC that scales from a hobby project to world's largest Git repositories.

- Works with your Git client.
Securely connect with and push code into your Git repos from IDE, editor or Git client.

- Web hooks and API integration
Add validations and extensions from marketplace or build your own using web hooks and REST APIs

- Semantic code search
Quickly find what you are looking for with code aware search that understands classes & variables

* Azure Pipelines.
cloud hosted pipelines for linux, windows and macOS with unlimited minutes for open source

- Any language, any platform, any cloud
Build, test and deploy apps. Run in parallel on linux, macOS & windows. Deploy to Azure, AWS, GCP or on-premises.

- Extensible
Explore & implement wide range of community-built built, test, and deployment tasks along with hundreds of extensions from slack to sonarcloud. Support for YAML reporting and more.

- Container and kubernetes.
Easily build and push images to container registries like Docker Hub and Azure Container Registry. Deploy containers to individual hosts or kubernetes.

- Best in class for open source
Ensure fast continuous integration / continuous delivery (CI/CD) pipelines for every open source project. Get unlimited build minutes for all open source projects with up to 10 free parallel jobs across linux, macOS & windows.

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* Azure Test Plans

Get end to end traceability. Run tests and log defects from your browser. Track and assess quality throughout your testing lifecycle

- Capture rich data

Capture rich scenario data as you execute tests to make discovered defects actionable. Explore user stories without test cases or test steps. You can create test cases directly from your exploratory test sessions.

- Test across web and desktop.

Test your application where it lives. Complete scripted tests across desktop or web scenarios. Test on-premises application from cloud & vice-versa.

- Get end to end traceability

Leverage same test tools across your engineers & user acceptance testing stakeholders. Pay for the tools only when you need them.

* Azure Artifacts.

Create & share Maven, npm & NuGet package feeds from public and private sources fully integrated into CI/CD pipelines.

- Manage all package types.
  Get universal artifact management from Maven, npm and NuGet.

- Add packages to any pipelines
  Share packages, and use built in CI/CD, versioning and testing

- Share code efficiently
  Easily share code across small teams & large enterprises.