Azure DevOps – a platform developed my MS, collection of services used by DevOps Engineers. Using this Engineers improve SDLC. When SDLC is improved the time and efficiency improves.

SDLC – Software Development Lifecycle

Whenever a development team is assigned to deliver a project, it goes through different stages.

1. Planning phase
2. Design phase
3. Development phase
4. Testing
5. Deployment
6. Maintenance

If the above process is done without involvement of technical then it takes 3 months and inclusion of DevOps makes it to 1 month.

Azure DevOps provides services to manage everything from one place.

Artifacts are the outcome of the CI/CD

Boards – Repos – Pipelines – Test Plans – Artifacts

Planning is done on boards, version controls on repos as developers writes many versions, CI/CD is created in the pipelines and automation team is responsible for the test plans, the output then is stored in the artifacts.