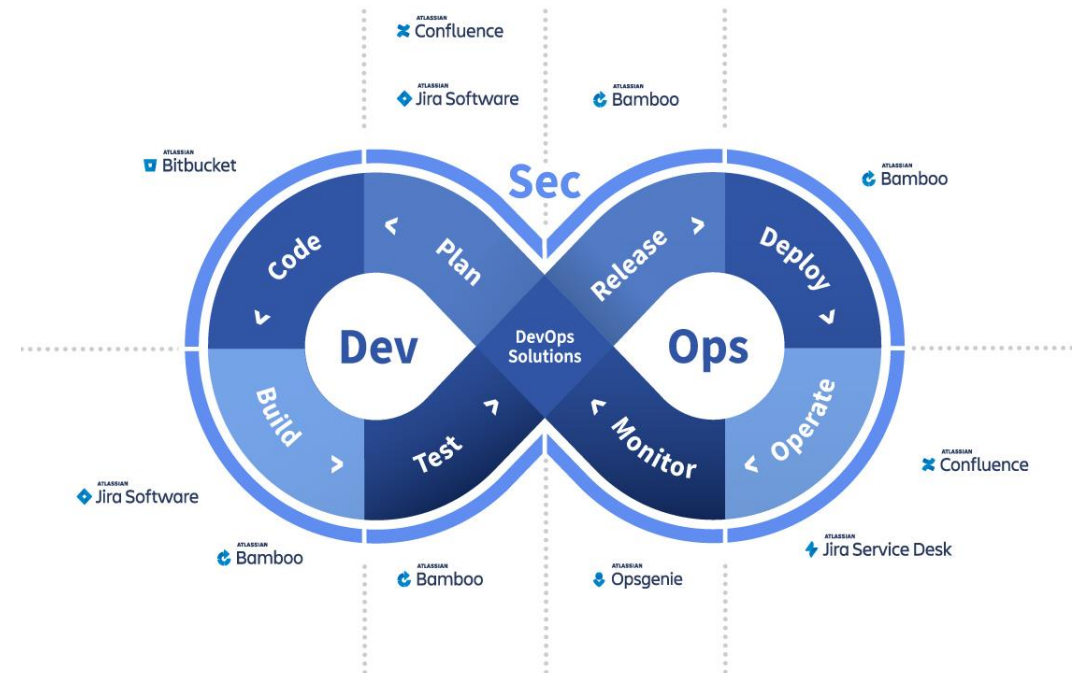


ADIDAS

Case study

Agenda

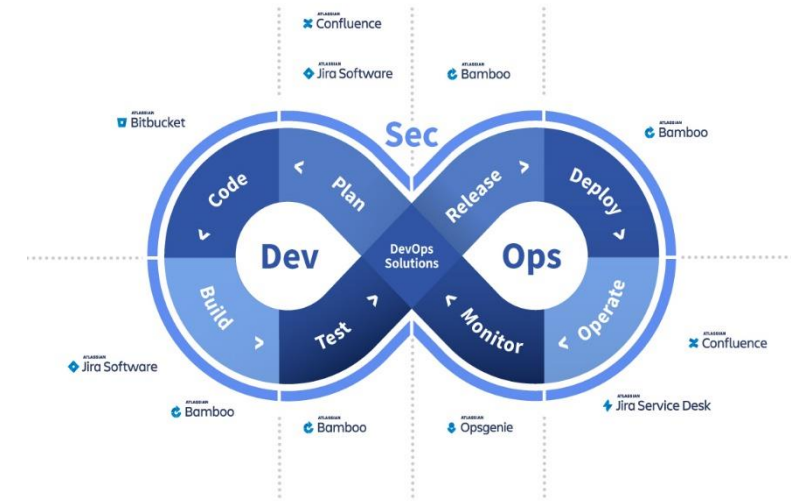
- **Objective**
 - Ingest image data through spark
 - Optimize measures and scalability
 - Application
- **Project Development**
 - JIRA
 - Project Planning
 - Scope
 - Set up environment
 - Bit bucket
 - Data Development
 - Model Development
 - Pipeline
 - Production Deployment
 - Conclusions



JIRA

- JIRA
 - Project Planning
 - Preferred choice of tools and techs
 - Set up environment
 - Set up repo
 - Set up Pipeline

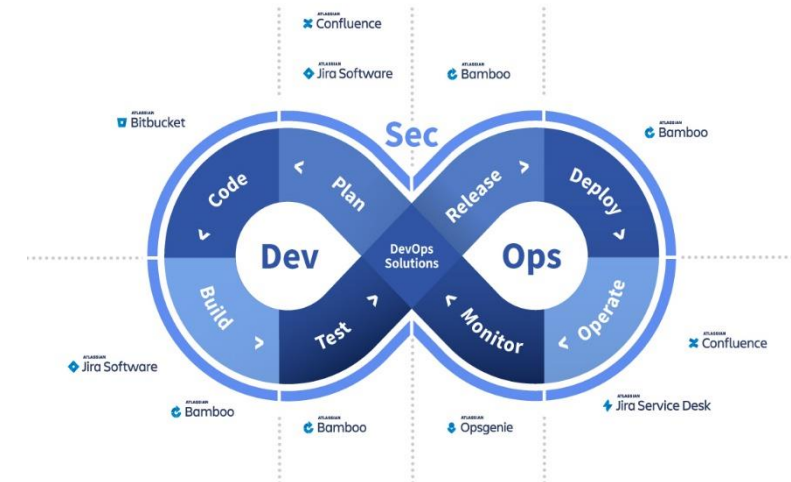
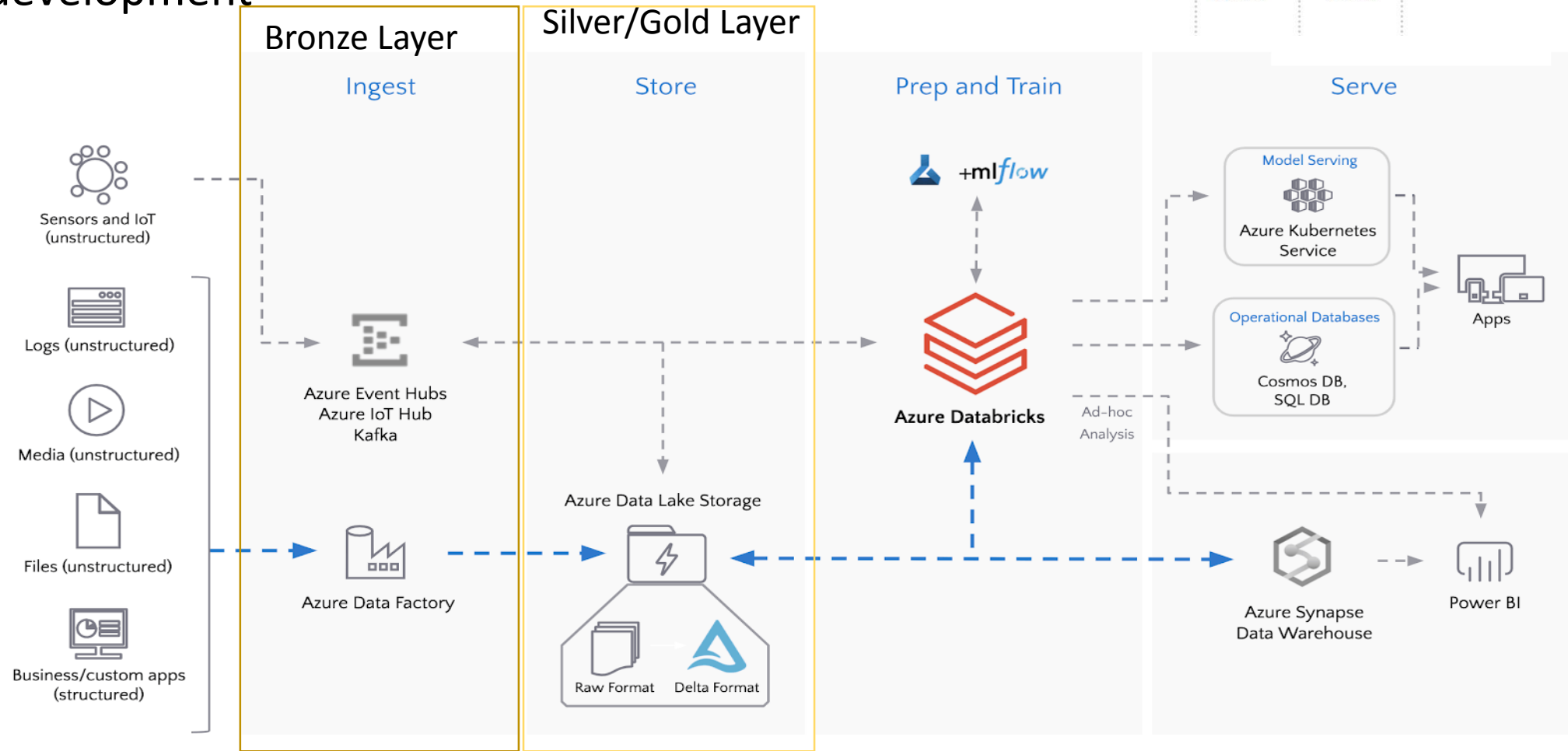
Live Demo



Bit bucket

- Bit bucket
 - Data development
 - Model development

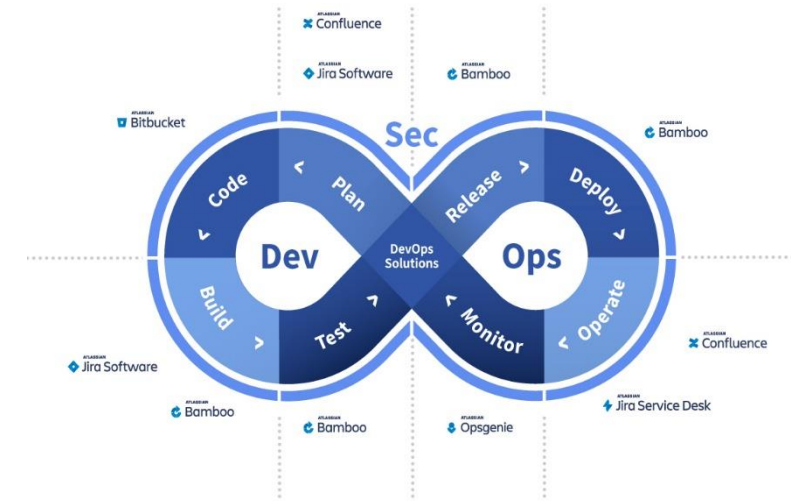
Live Demo



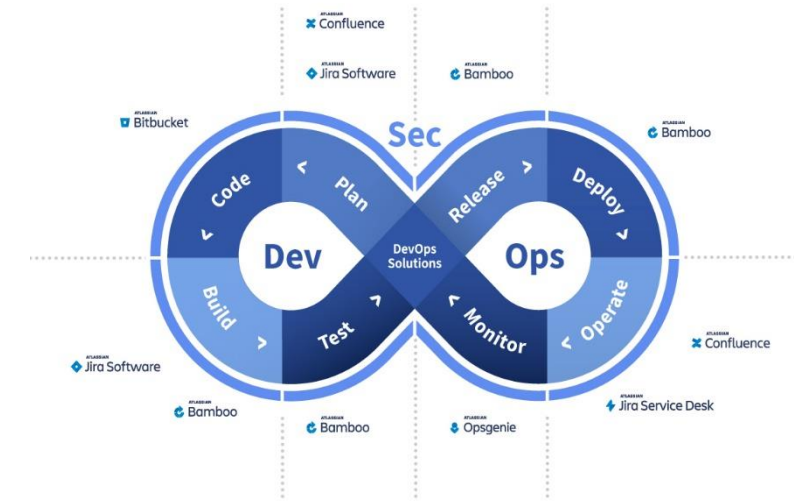
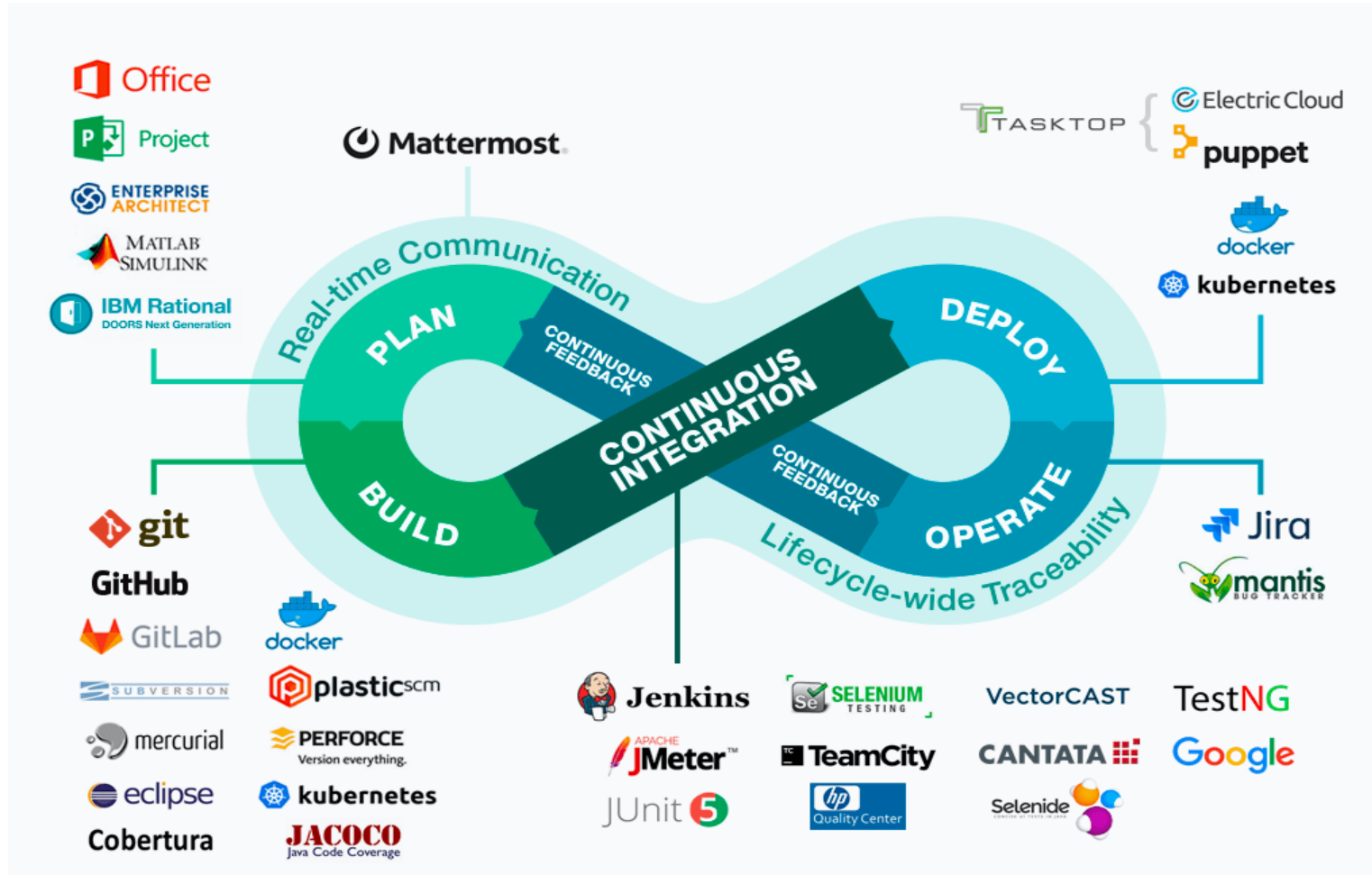
Deployment Pipeline

- Pipeline
 - Production deployment
 - Supports automated docker image
 - Automatic build notifications[mail]

Live Demo



DevOps landscape



Preferred tool stack

JIRA

DATA PLATFORM –

AZURE/DATABRIX

CODE REPO- BITBUCKET

PIPELINE/JENKINS

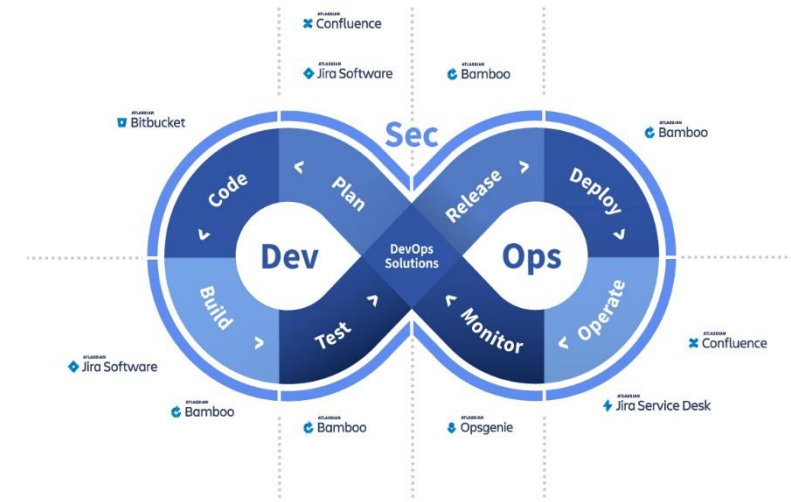
DOCKER

Why

- User friendly with GUI
- Tons of levers for configs.
- Seamless compatibility among modules
- KB and Community support

Summary

- Learnings till Finish line and beyond.
 - ❖ Understanding problem statement.
 - ❖ Setting up necessary tools.
 - ❖ Making it work.
 - ❖ Struggle and success, its about the journey too.
- Next steps



DevOps landscape

Thank you