



# Agile Methods in Action

Digital Transformation with Agile Methodology  
and Dev Ops

# Agenda

- Key Agile Methodologies in practice
- Large Scale Agile Framework
- Team Level – Scrum & Kanban
- From Product Centric to Customer Centric
- What DevOps has to do with Agile?
- How do we do Agile Software Development in Banks?

# Agile is a mindset

Fail & Fix Early

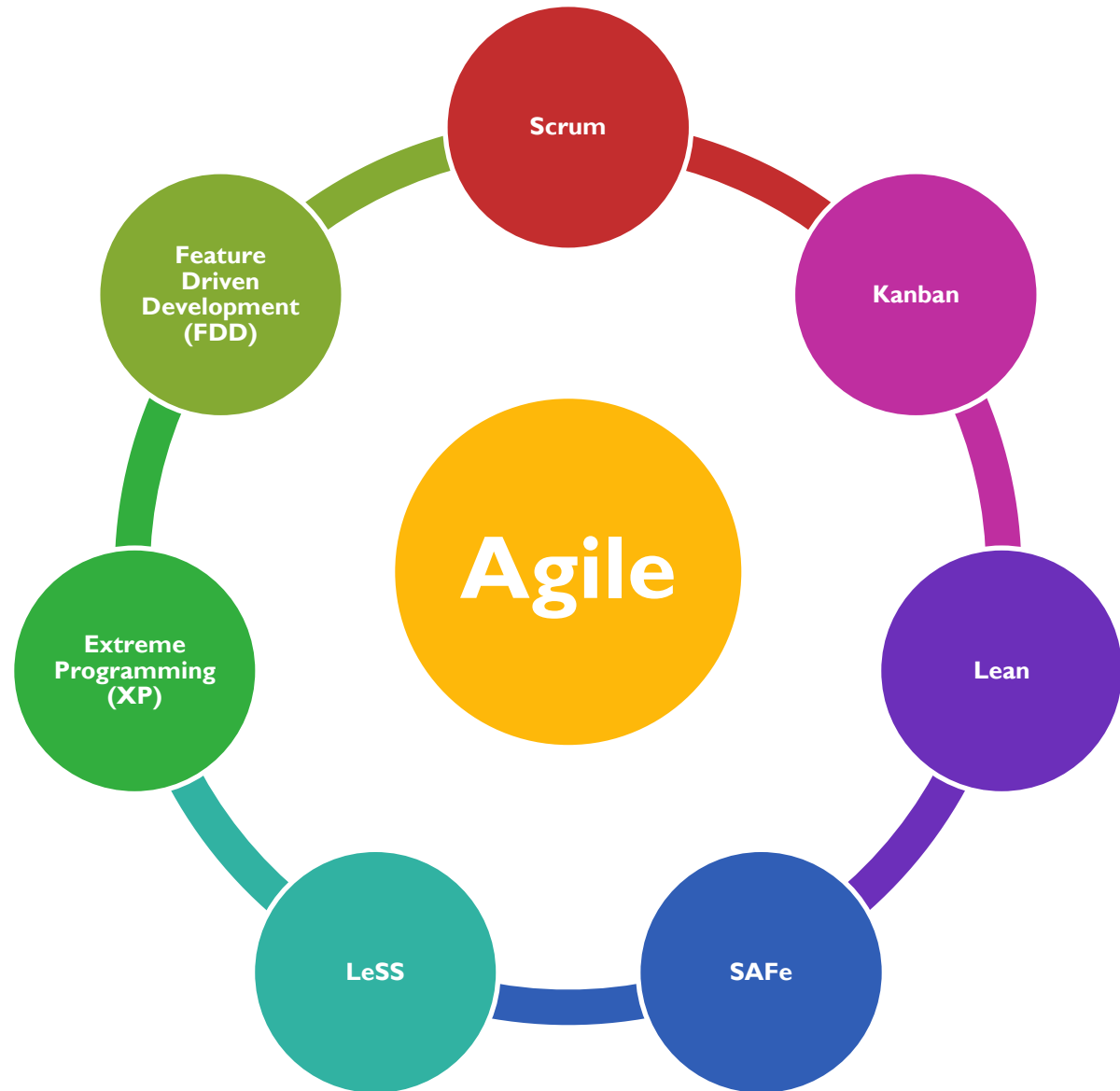
Continually  
Learn

Focus on  
Customer  
Value Delivered

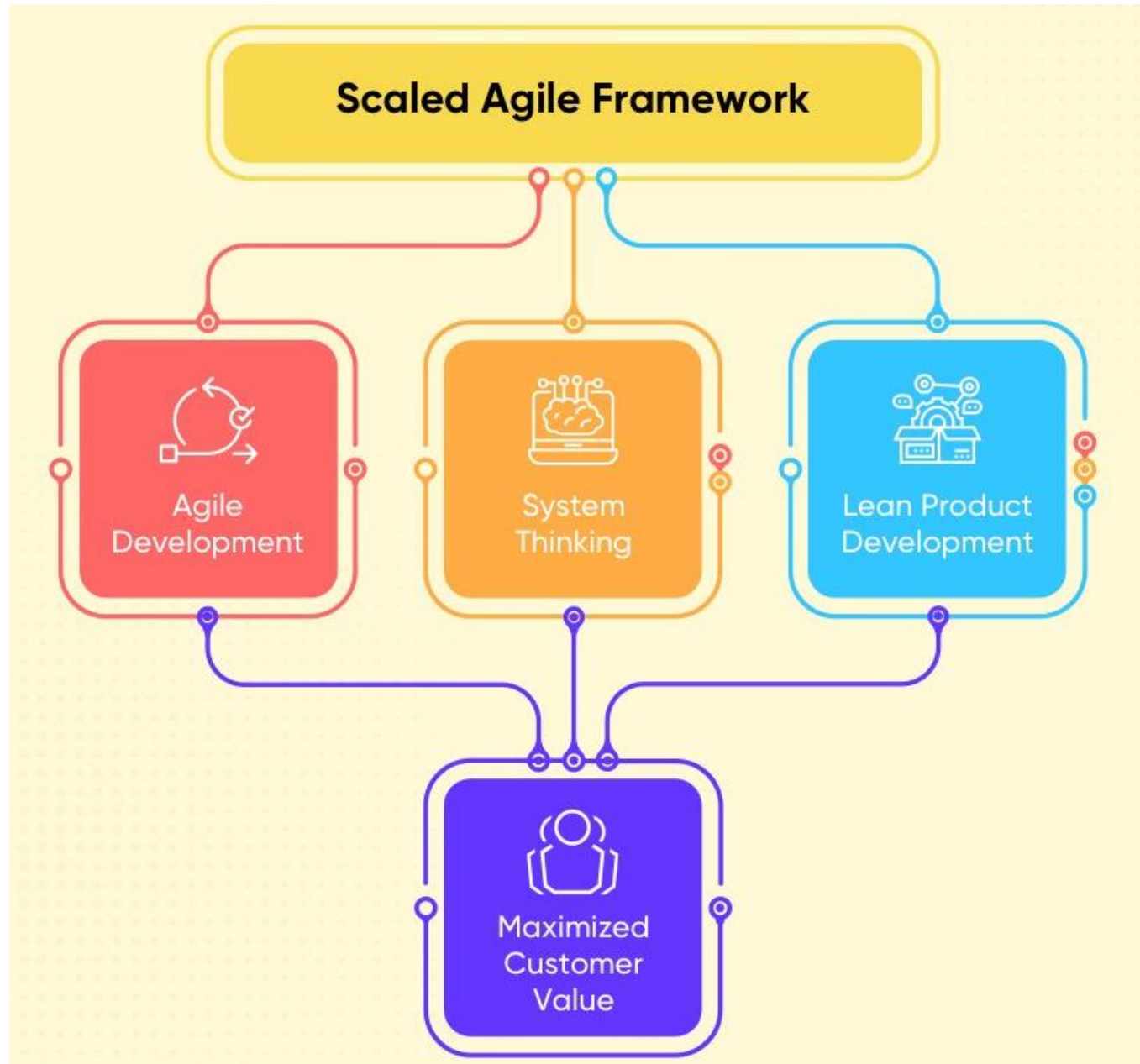
Collaborate  
fully for team  
success

Hold a  
pragmatic point  
of view

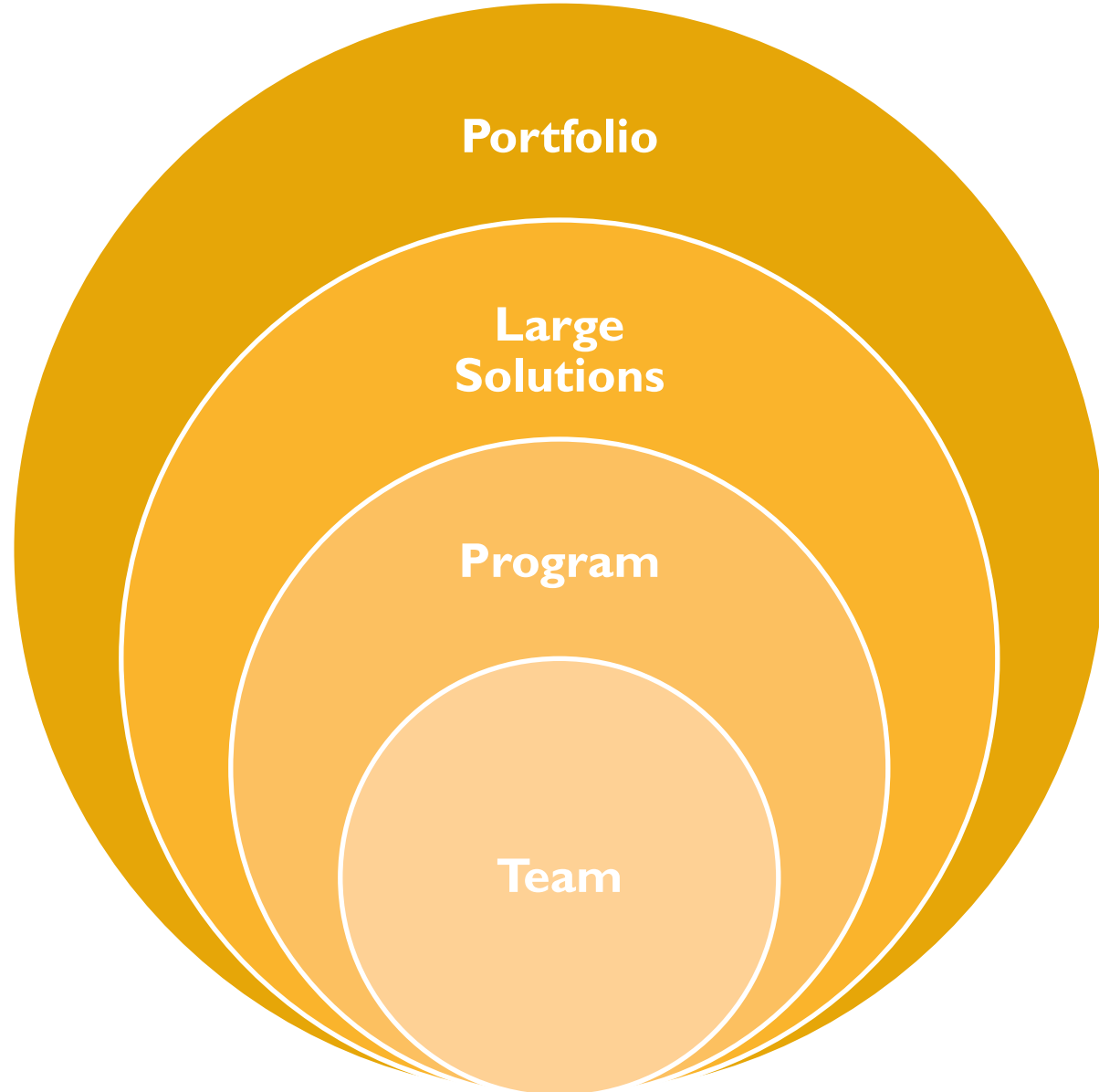
# Key Agile Methodologies in Practice



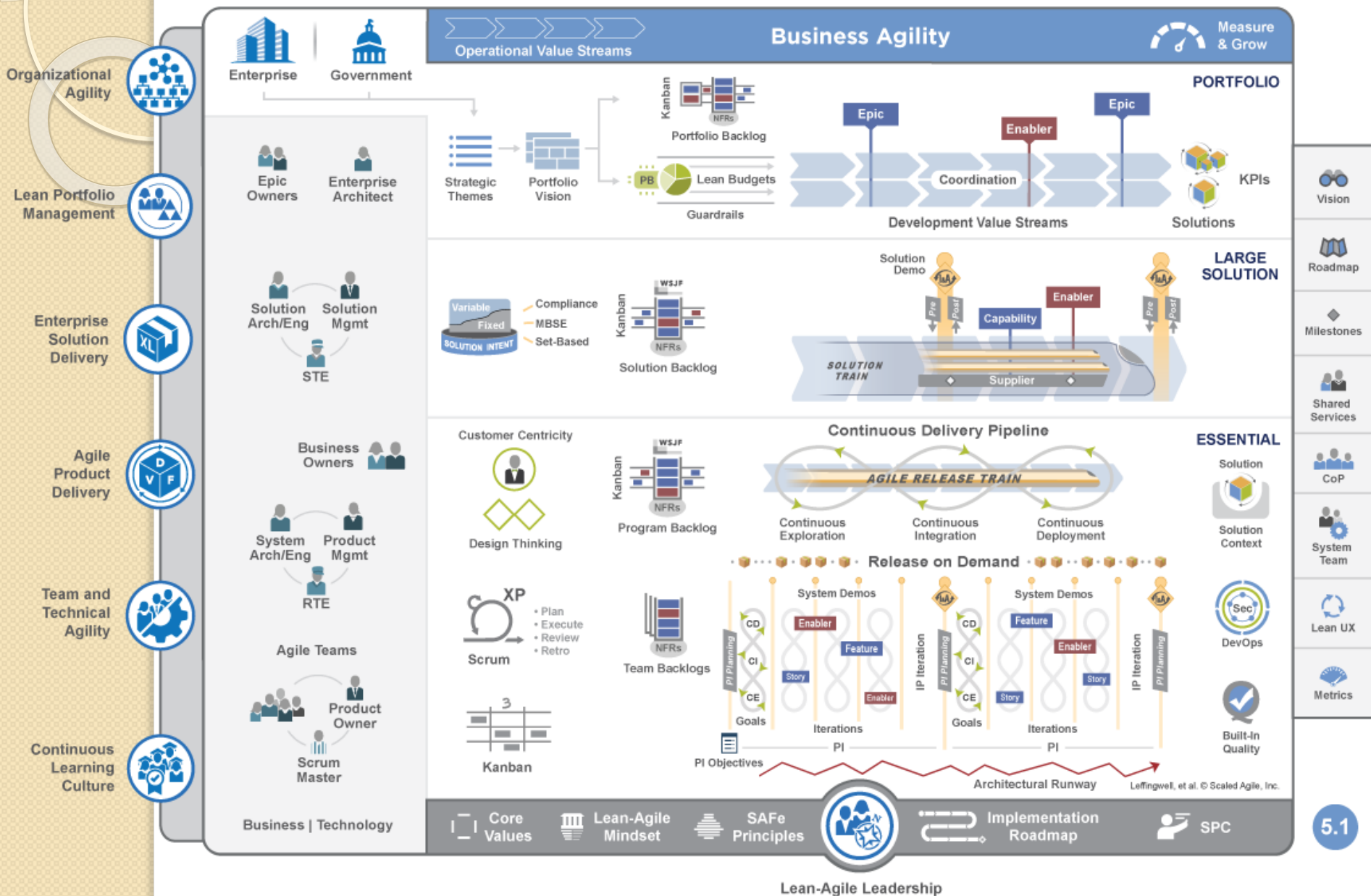
### 3 Building Blocks of SAFe



# 4 Levels of Scaled Agile Framework (SAFe)

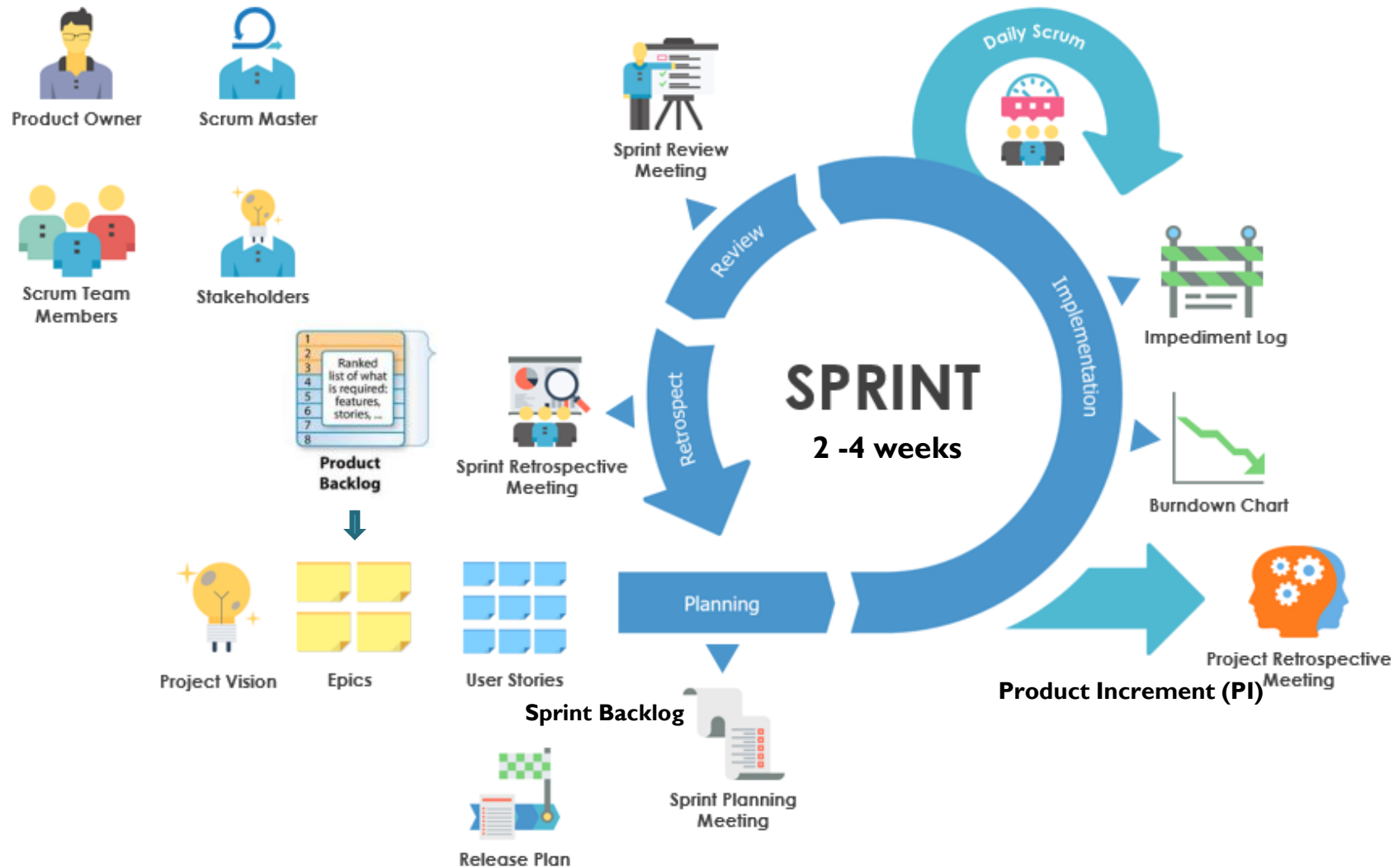


# Scaled Agile Framework (SAFe)



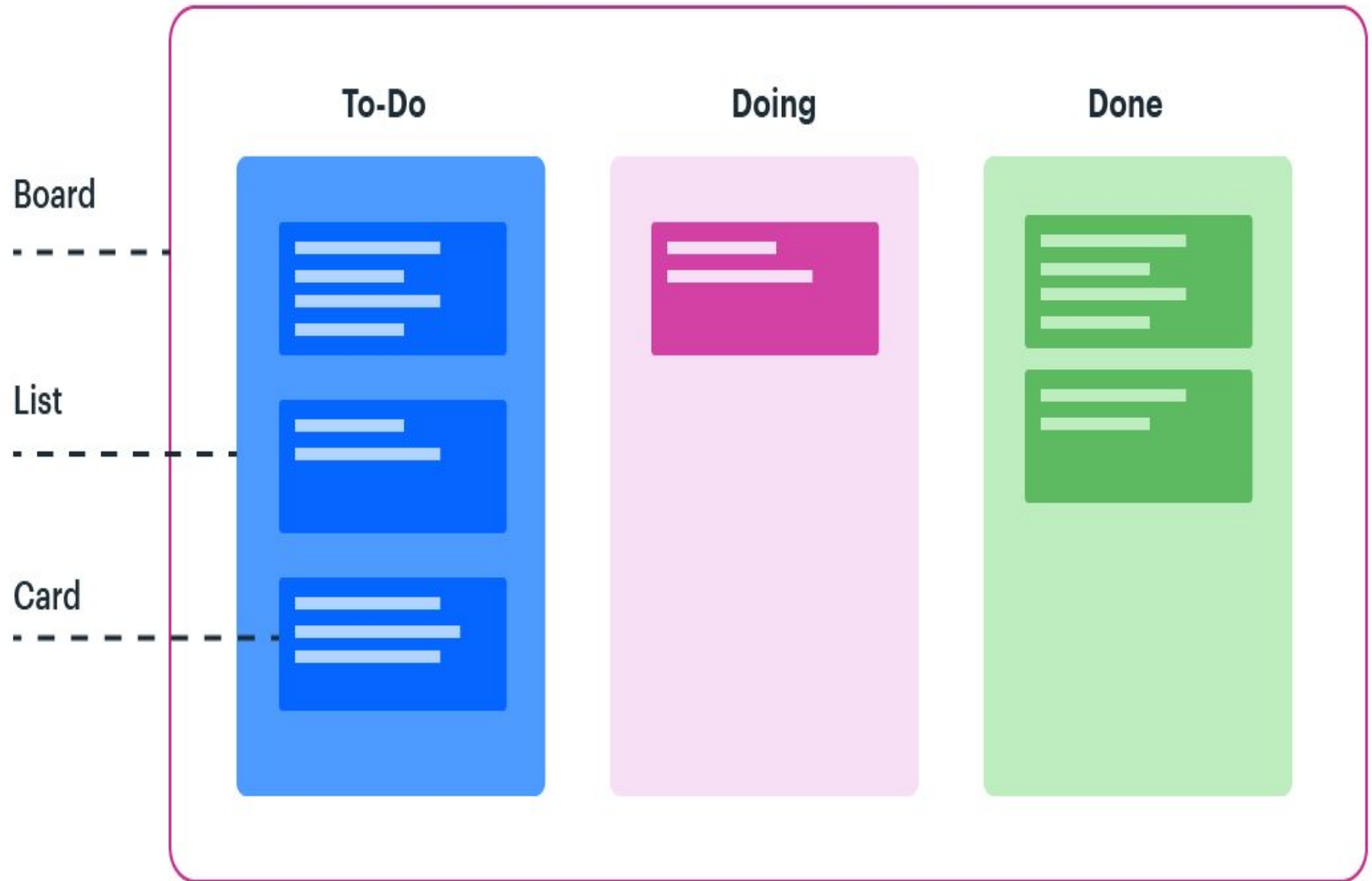
# Team Level – Scrum Model

## The Agile – Scrum Framework

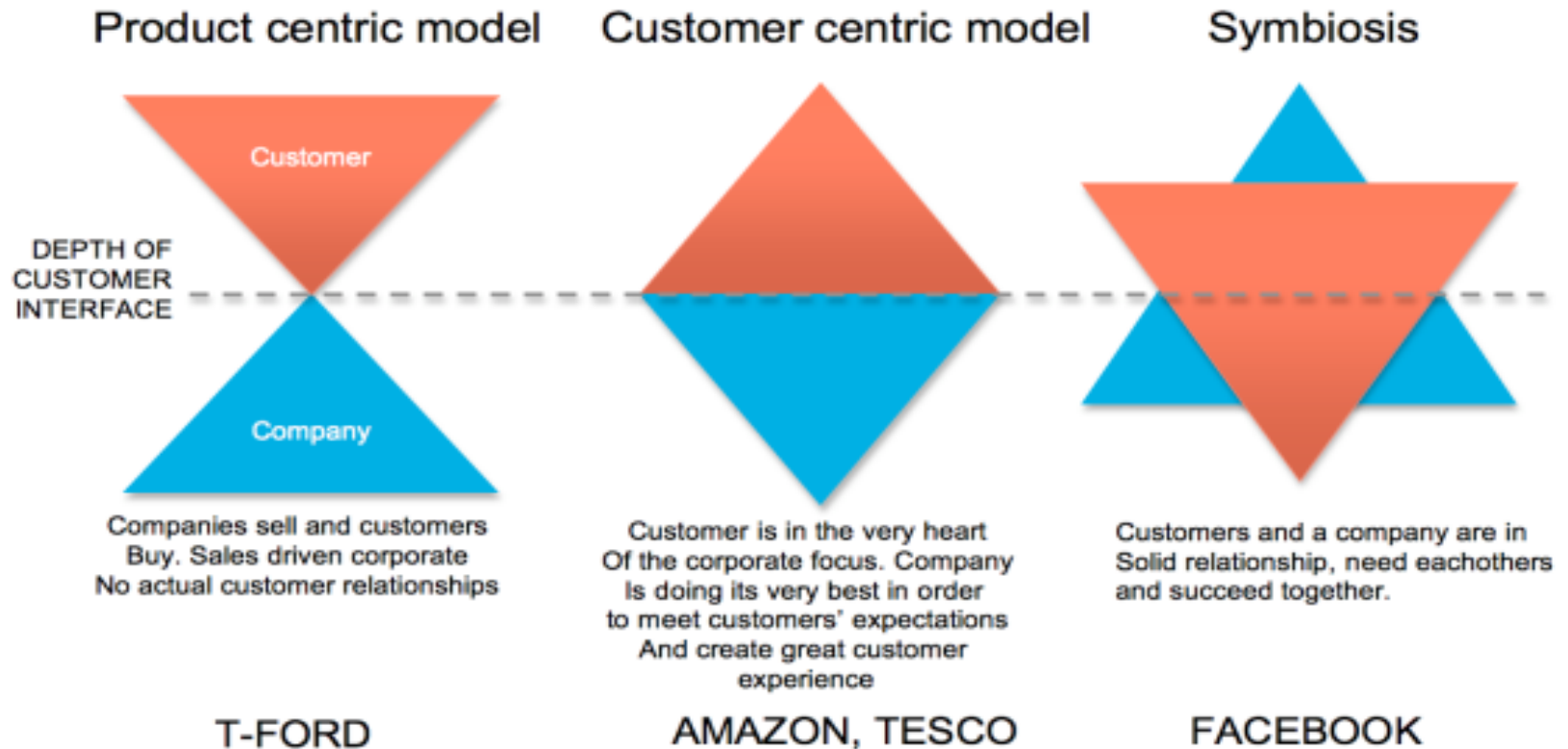




# Team Level – Kanban



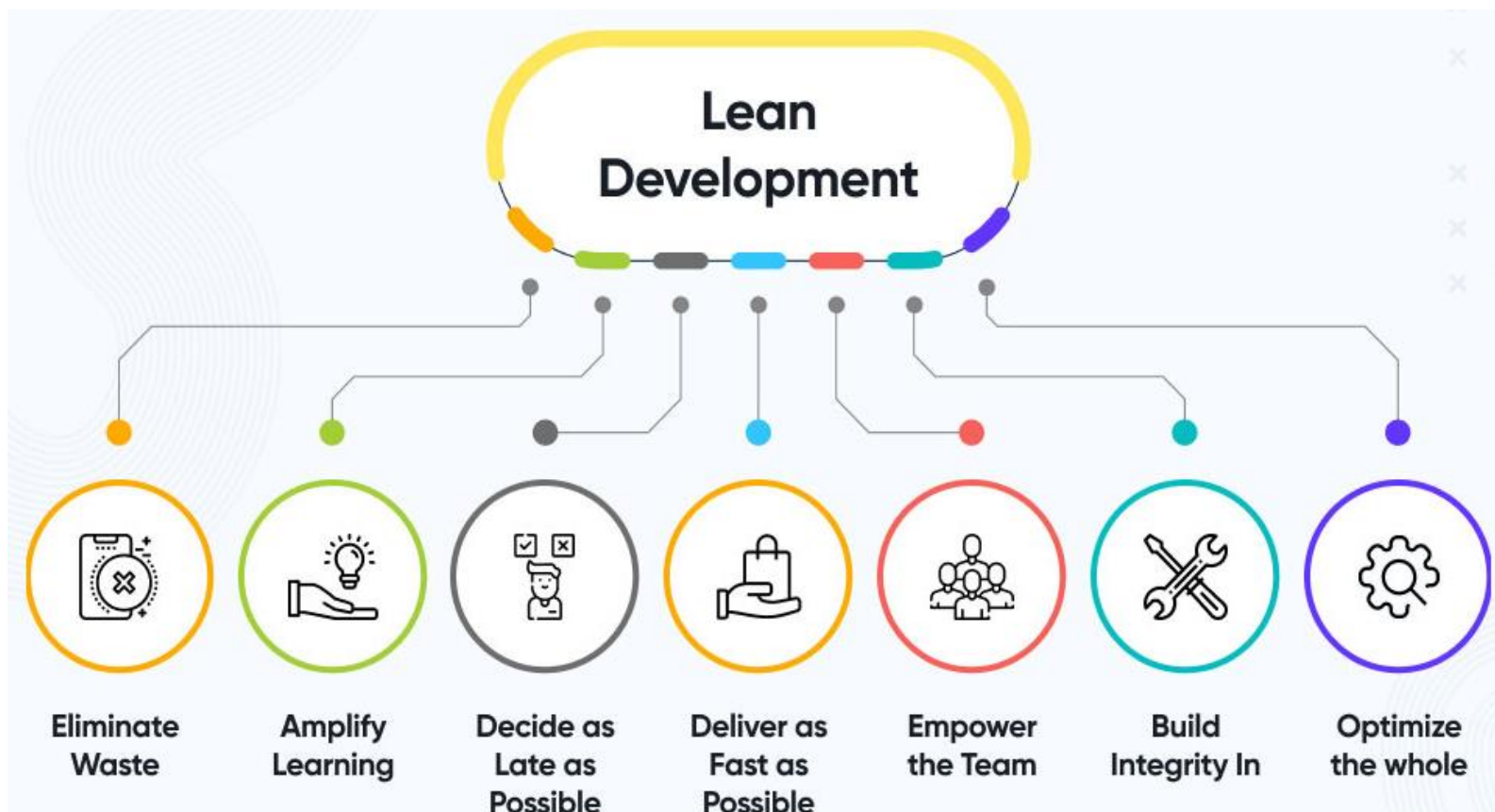
# From Product Centric to Customer Centric



Product led operating model	Customer centric operating model
Traditional products ,objective is to sell	Customers First
Touch points through multi-channels	Omni channel experience
Customers – purchase specific product at specific channel	Customized value proposition – faster time to market

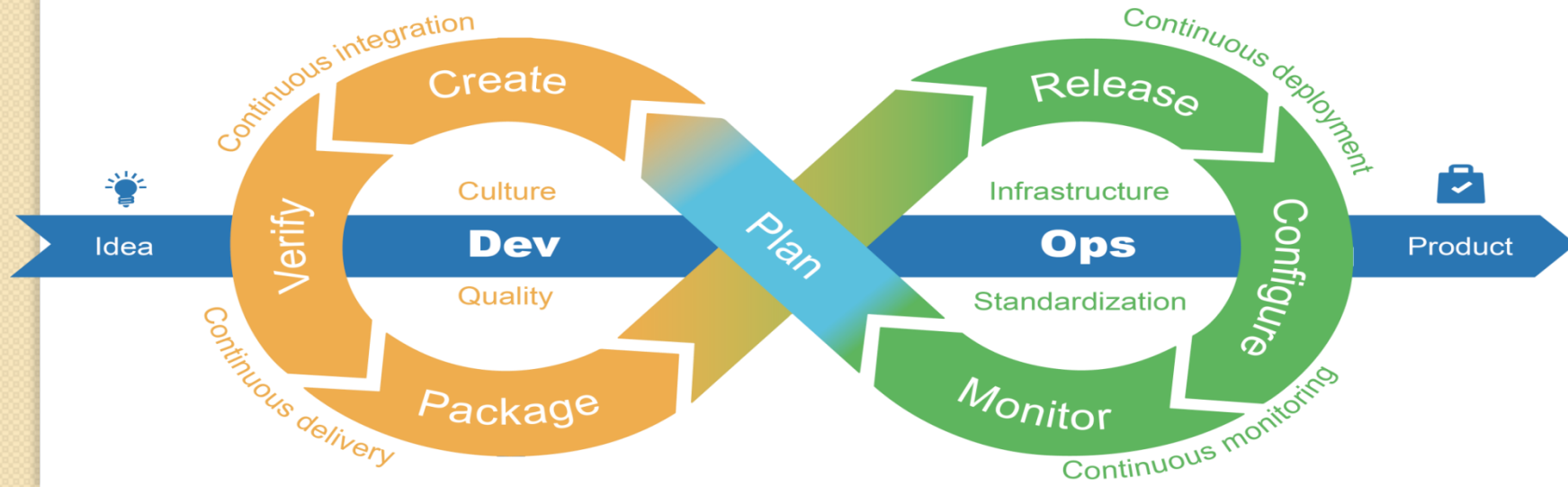
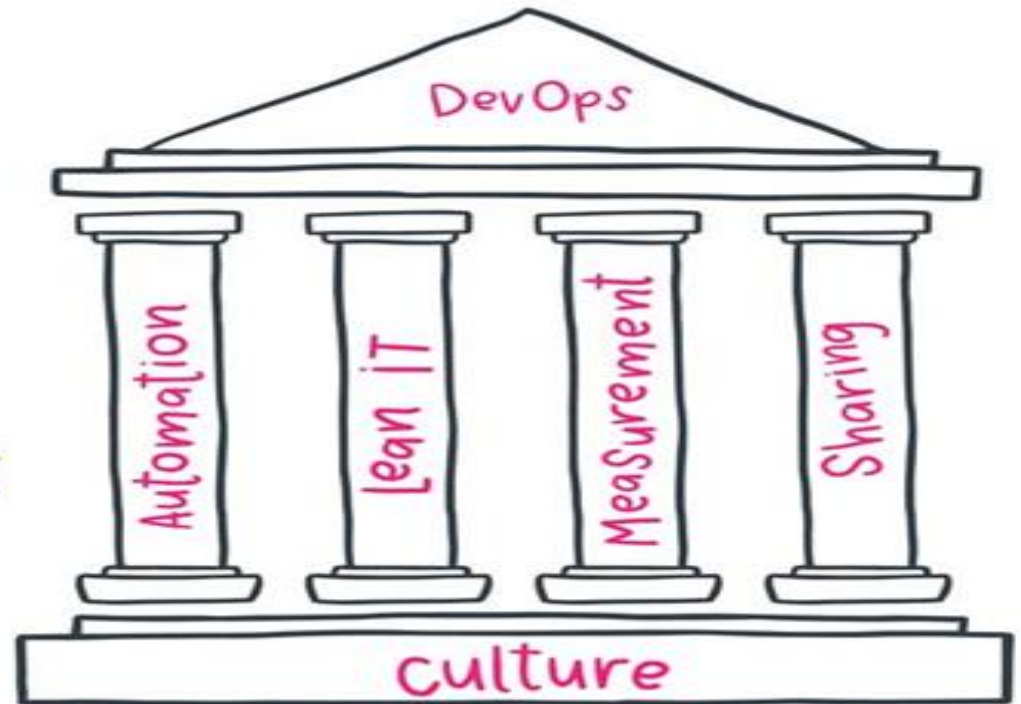
# What does DevOps has to do with Agile ?

- Agile Manifesto – **Working Software & Responding to change**
- Here comes the concept of system & predictive software delivery pipeline
- Working software needs to be deployed & maintained in production (Ops team)
- DevOps to strengthen Agile – adds the systems along with software and operations tools/team along with software development team
- DevOps was also indirectly influenced by **Lean** development concept

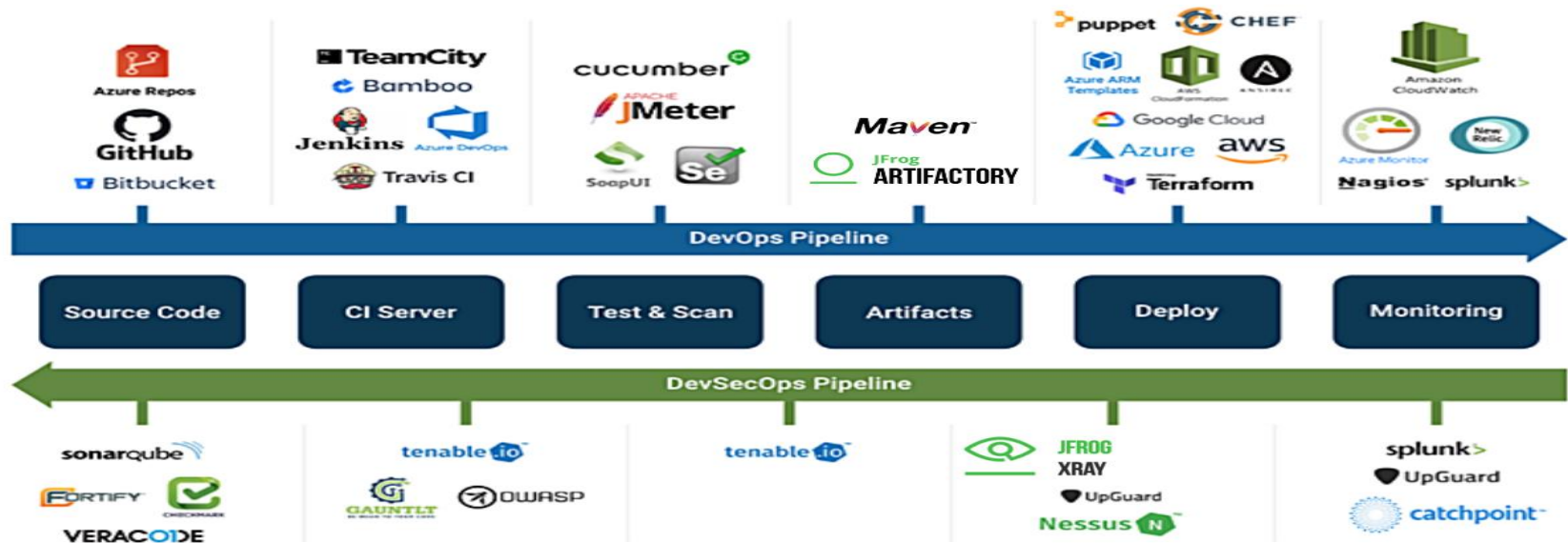
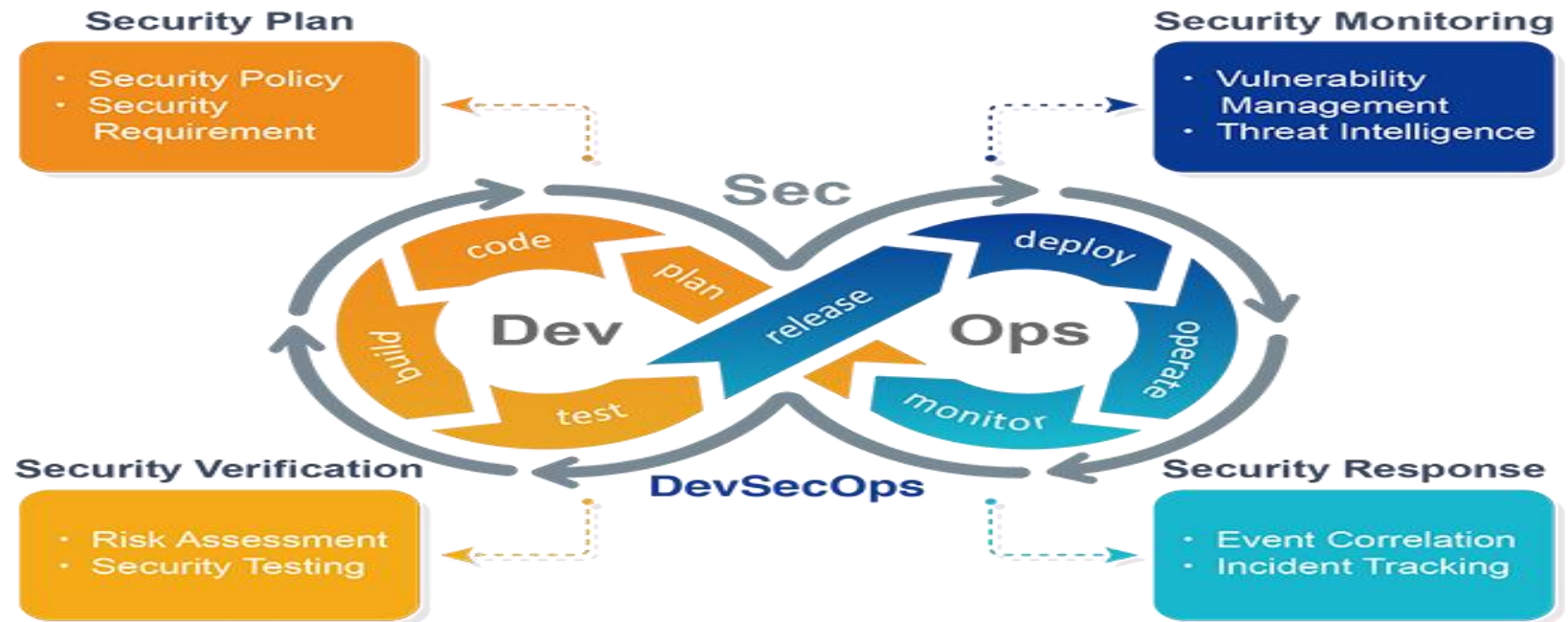


# DevOps in Agile Development

**C**ulture  
**A**utomation  
**L**ean IT  
**M**eaSurement  
**S**haring



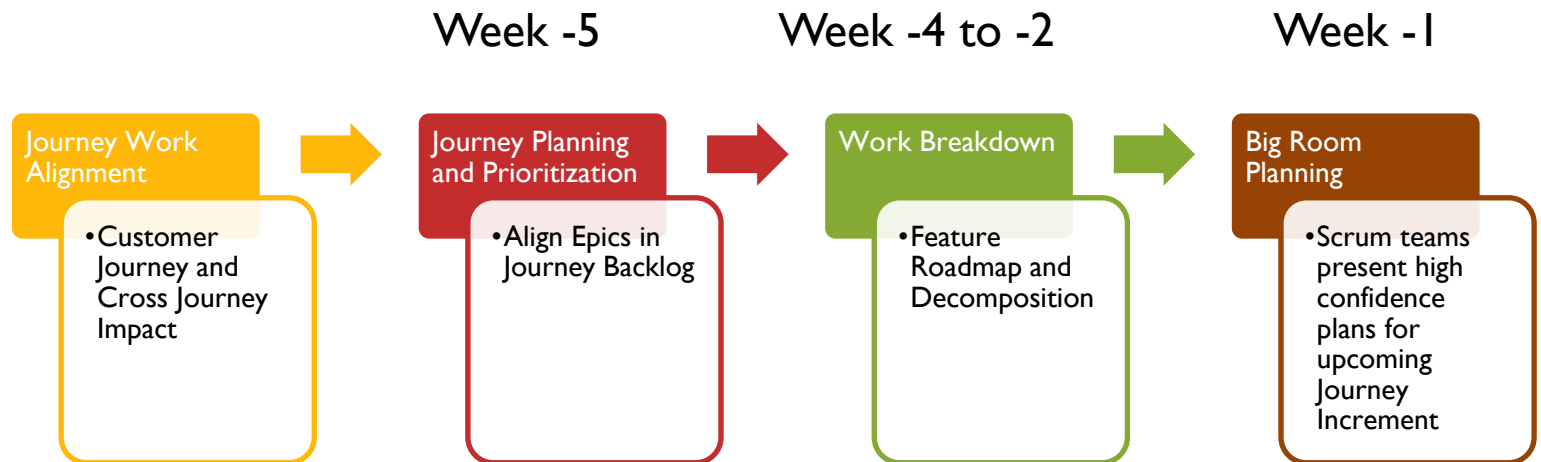
# DevSecOps – including Security with DevOps





# Agile Software Development in Banks

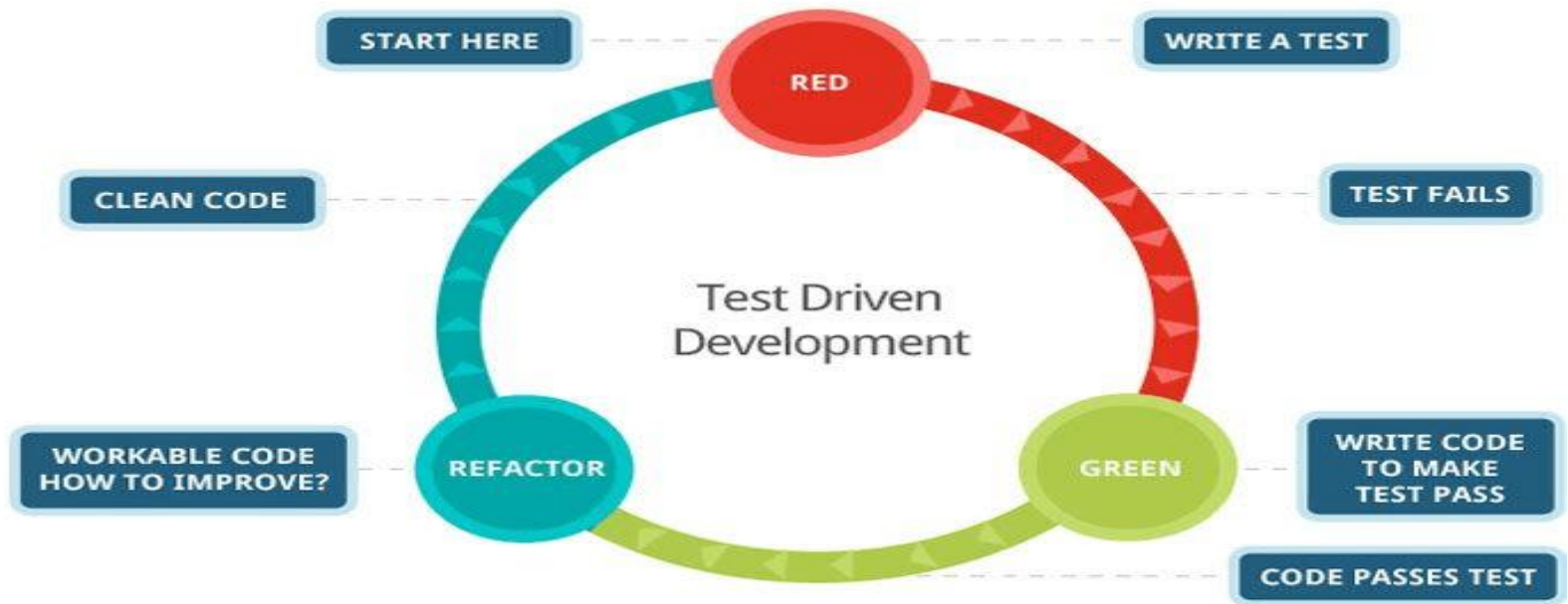
- Use of SAFe or LeSS Framework - Scrum and Kanban
- Portfolio/LOB, Journey, Sub-Journey/ Team of Teams and Scrum
- The structure of requirement pipeline goes as below before it comes to scrum team before the Sprint begins on Week 0



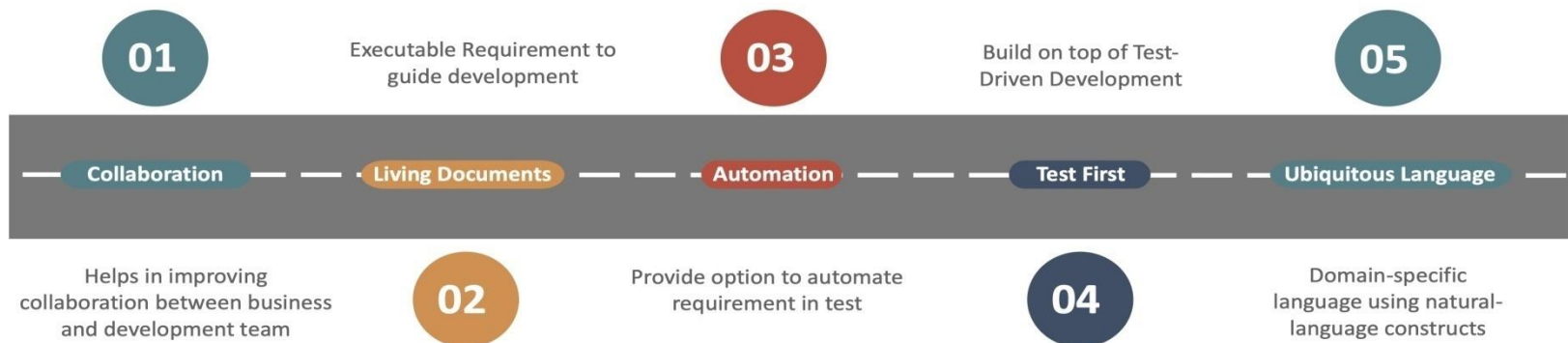
# Customer Journey Taxonomy With Examples

Taxonomy Structure	Example	Agile Deliverables/ Artifacts
Portfolio/ Line of Business	Consumer Banking	New business strategy
Product	Consumer Deposit	New feature or product launch
Journey Family	Become a Customer	Initiative/ Theme
Customer Journey	Open a Checking / Savings Account	Epic
Customer Sub-Journey	Find the right checking / savings account, submit application, receive approvals	Features
Applications in Technology Side	Online Banking / Online Sales and Marketing Platform	Story

# BDD ( Behavior Driven Development )



Optimize the value of work by reducing ambiguity in requirement





# Some important factors for success

- Understanding Definition of Ready (DoR) and Definition of Done (DoD) clearly
- Regular Backlog Refinement and Prioritization
- Right way of Estimation
- DevSecOps pipeline established for different environments –
  - Feature ,
  - Develop,
  - Release
- Right way to measure your performance – Key metrics
  - Average Velocity
  - Burndown Chart
  - Velocity Trend
  - Average Predictability
  - Responsiveness and Cycle Time
  - Backlog Health
- Having your following requirements sorted out
  - Experience Design,
  - Content, Authoring,
  - Accessibility,
  - Language Translation,
  - Legal Risk and Compliance approvals

# Q & A

