

Software Vulnerability Detection

E.g., LineVul [63], LineVD [85]



Automated Vulnerability Repair

E.g., VulRepair [65], CURE [94]



Software Vulnerability Classification

E.g., VulExplainer [61], TreeVul [160]



Security Tools in IDEs

E.g., AlBugHunter [64]



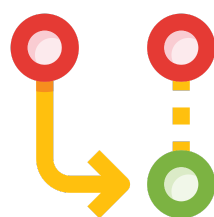
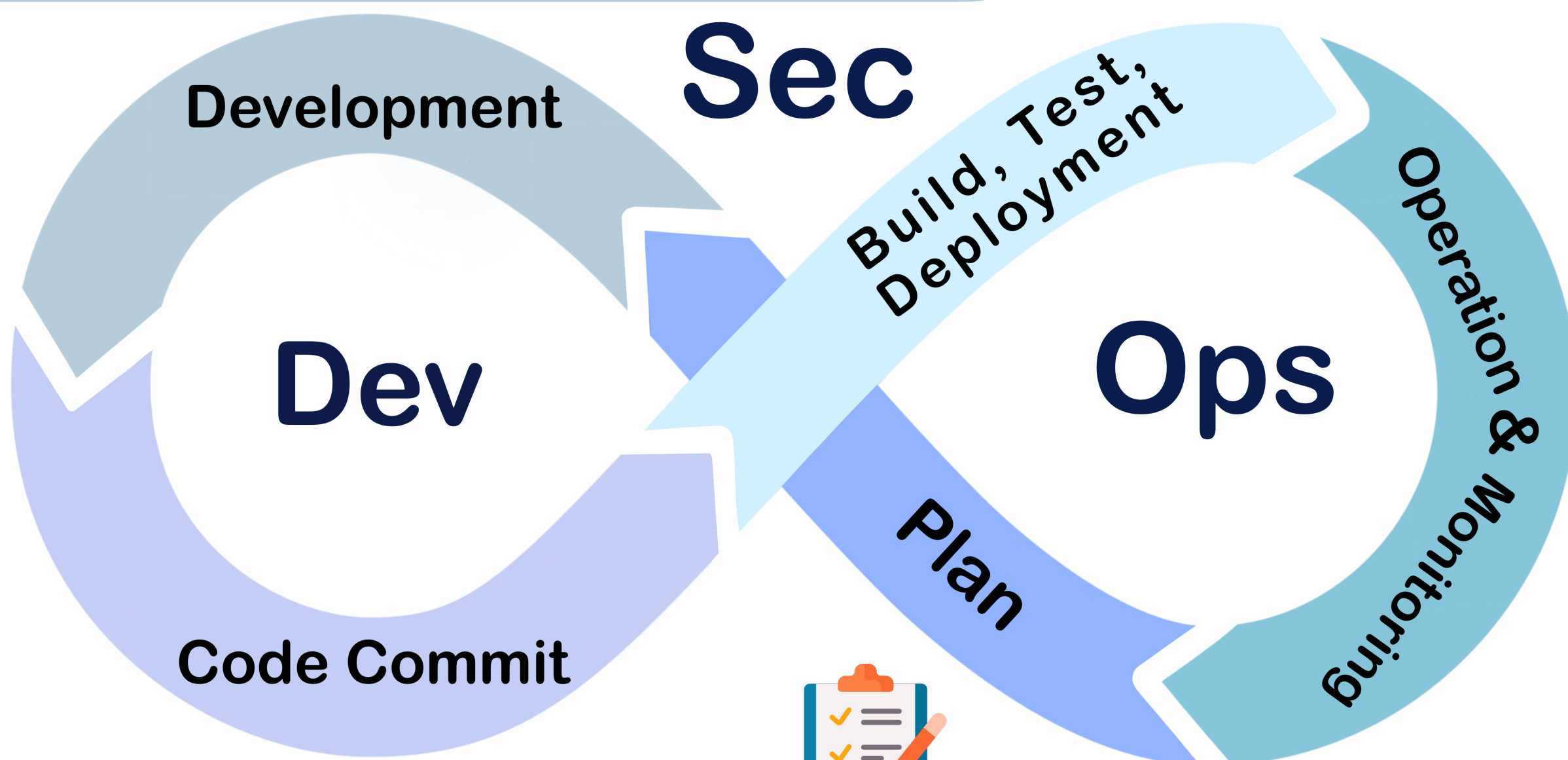
Configuration Validation

E.g., DeepPerf [74]



Infrastructure Scanning

E.g., RADON [43]



Dependency Management

E.g., Infield [76]



CI/CD Secure Pipelines

E.g., JITLine [166], JITO [171]



Threat Modeling

E.g., Security Copilot [148]



Impact Analysis

E.g., Security Copilot [148]



Log Analysis & Anomaly Detection

E.g., DeepLog [52]



Cyber-Physical Systems

E.g., LATTICE [249]