

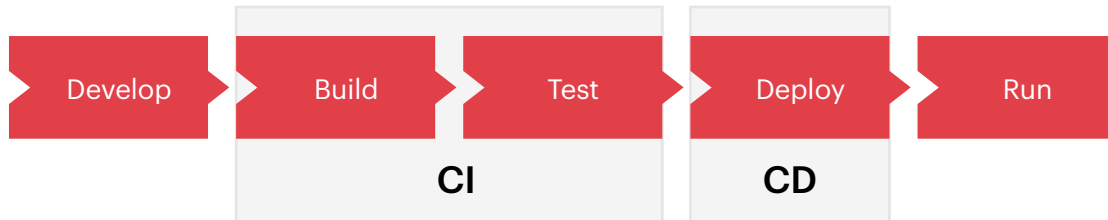


# DevOps VS DataOps

## KEY DIFFERENCES

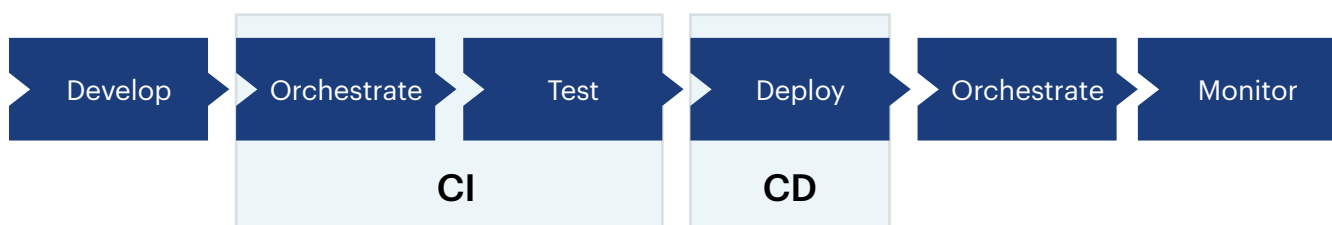
### Process

DevOps Process



**DevOps** = Cross-functional teams + automation in software development

DataOps Process



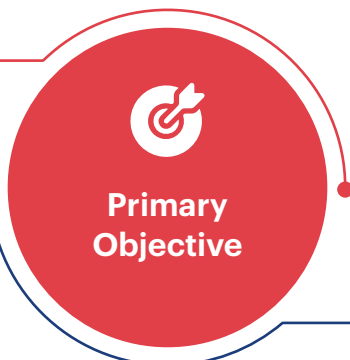
**DataOps** = DevOps + data analytics pipeline automation

Dev Ops



Data Ops

The primary objective of DevOps is to create an end product or software which ticks all the quality parameters



The primary objective is to ensure high-quality data in the data pipeline creating high-quality insights

Software development members and IT operations



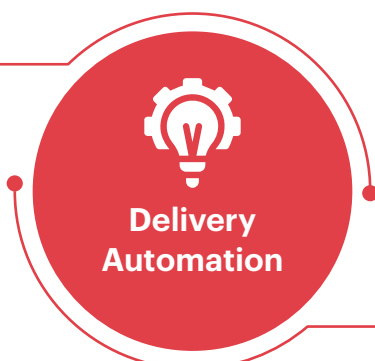
Data scientists, data engineers, analysts, and software developers

Doesn't require complex orchestration of application codes



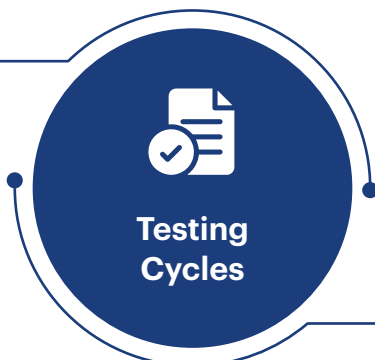
Requires data pipeline and analytics development processes to be orchestrated for seamless execution

Enables unhindered automation in the process of software delivery by server and version configuration automation



Non-stop data delivery via automation in acquiring, curating, integrating, and modeling data

Covers application development and deployment cycle



Covers both the data pipeline and analytics development process

Stakeholders are assisted in providing real-time feedback post each sprint with real-time collaboration. Optimization is feedback-oriented



Stakeholders are assisted in deriving insights from new data flowing into the system with real-time collaboration. Optimization is result-oriented

### Speed up Data Lifecycle Management with DataOps

Data analysts often end up spending more time processing data than analyzing the same. While there has been significant growth and improvement in database engines, and how they work, they often lack infrastructural agility due to manual procedures. Sigmoid's DataOps services help companies automate and streamline the data processing pipeline so that analysts can truly focus on value generation and not data preparation.

Manage enterprise data operations with robust DataOps expertise

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