Calibo

Data Fabric Studio (DFS)

Accelerate your journey from raw data to real business value.
Simplify processes and increase productivity along the end-to-end data lifecycle.
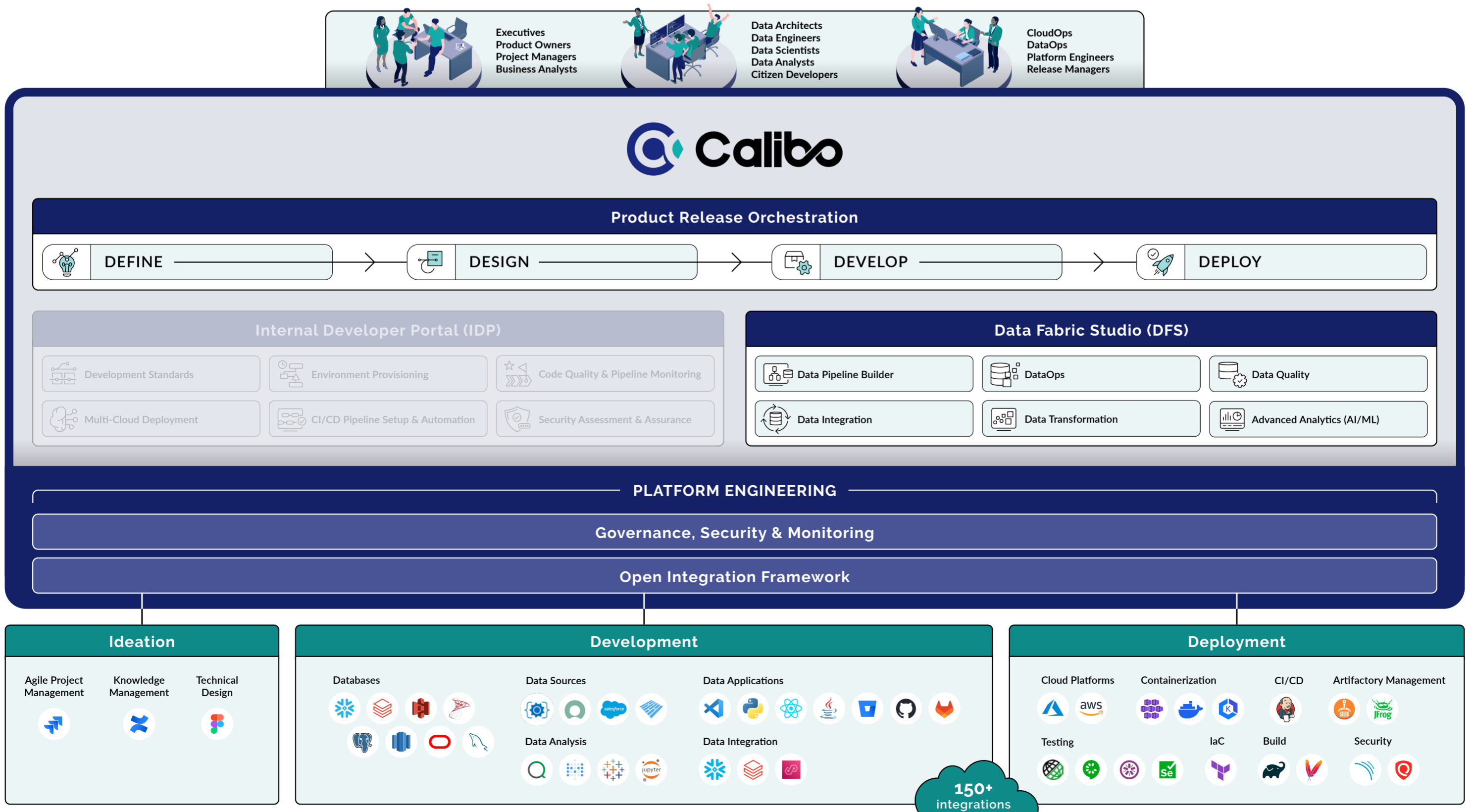
Are you tired of...

- Waiting to get access to the infrastructure and data sources you need to start developing?
- Doing repetitive work in every new data project?
- Trying to keep the overview in a messy data landscape?
- Struggling to keep data accurate and consistent?

With Calibo you can...

- Safely self-provision the environment you need
- Get started with data development work within minutes
- Develop, test and deploy data pipelines in half the time
- Apply data quality best practices easily with built-in features
- Manage all your data pipelines in one central platform

Our **Data Fabric Studio** enhances your modern data stack with top-tier orchestration and release features. It empowers data engineers, scientists, citizen developers, and business users to speed up data product development as never before.

Executives
Product Owners
Project Managers
Business Analysts

Data Architects
Data Engineers
Data Scientists
Data Analysts
Citizen Developers

CloudOps
DataOps
Platform Engineers
Release Managers

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Product Release Orchestration

DEFINE → DESIGN → DEVELOP → DEPLOY

Internal Developer Portal (IDP)

- Development Standards
- Environment Provisioning
- Code Quality & Pipeline Monitoring
- Multi-Cloud Deployment
- CI/CD Pipeline Setup & Automation
- Security Assessment & Assurance

Data Fabric Studio (DFS)

- Data Pipeline Builder
- DataOps
- Data Quality
- Data Integration
- Data Transformation
- Advanced Analytics (AI/ML)

PLATFORM ENGINEERING

Governance, Security & Monitoring

Open Integration Framework

Ideation	Development	Deployment

Ideation
- Agile Project Management
- Knowledge Management
- Technical Design

Development
- Databases
- Data Sources
- Data Applications
- Data Analysis
- Data Integration

Deployment
- Cloud Platforms
- Containerization
- CI/CD
- Artifactory Management
- Testing
- IaC
- Build
- Security

150+ integrations

How to get started - platform highlights

1 **Platform setup, standard infrastructure & templates**

- Onboard users from Active Directory
- Create and assign roles and teams for permissions and access
- Integrate your standard tech stack
- Set up agile project configurations
- Define development policies
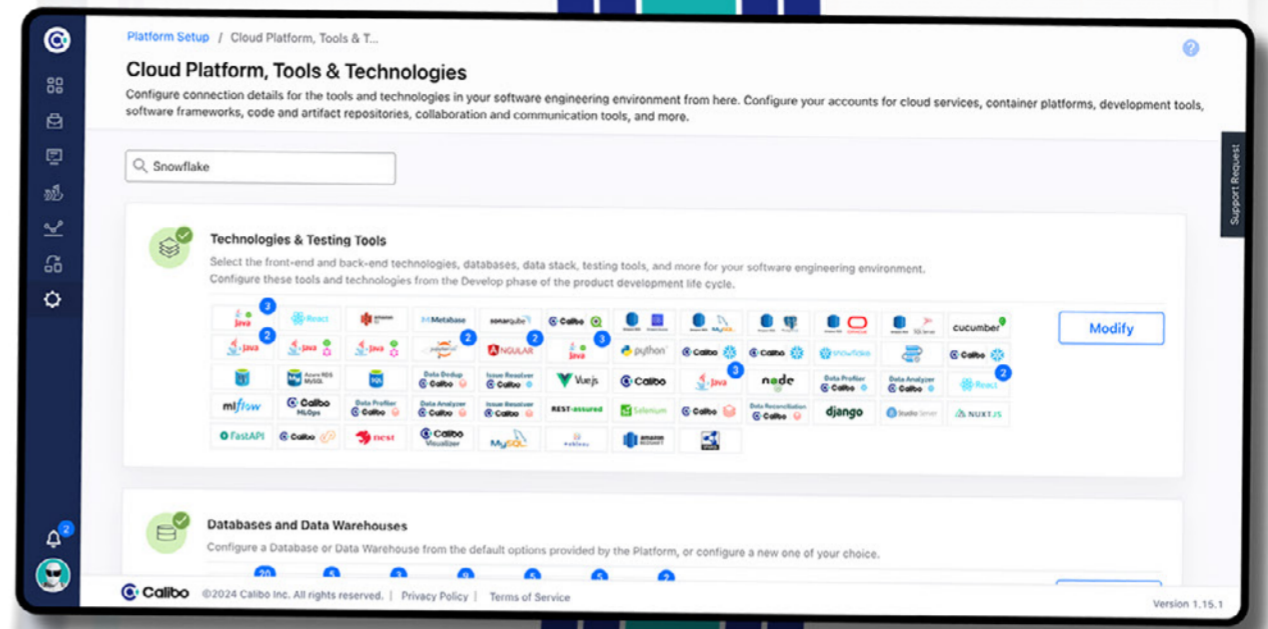
2 & 3 **Agile product management & release orchestration**

- Create product portfolios with strategy, business value and priority
- Create products and features and link with your agile planning tool
- Manage product releases and dependencies centrally
- Track status of all projects by portfolio in centrally accessible dashboards
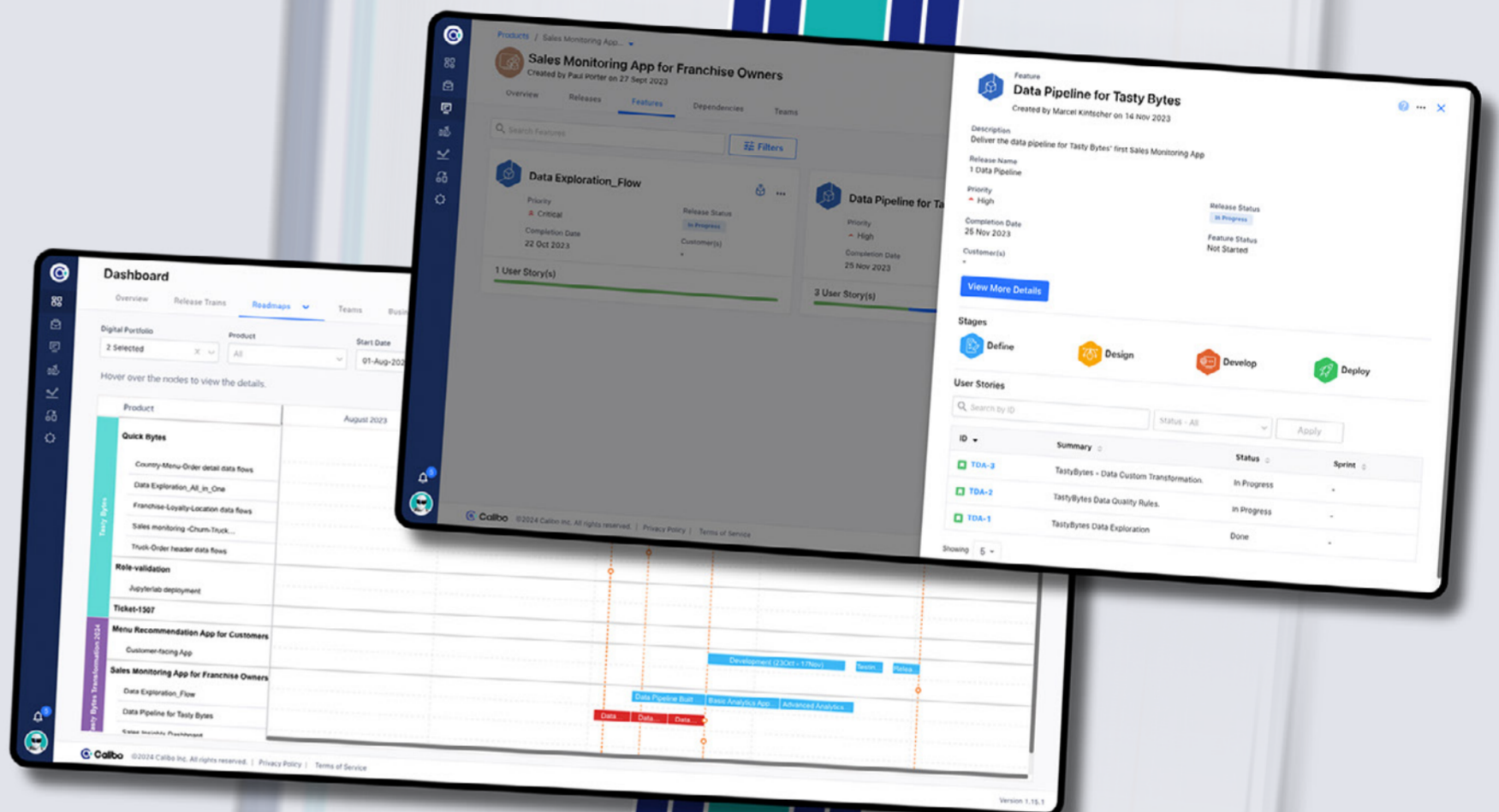
4 **Data integration**

- Leverage out-of-the-box connectors or custom data crawlers
- Simplify data integration with ingestion catalogues
- Build streaming or bulk ingestion pipelines
- Seamlessly integrate with your data lake and integration technologies
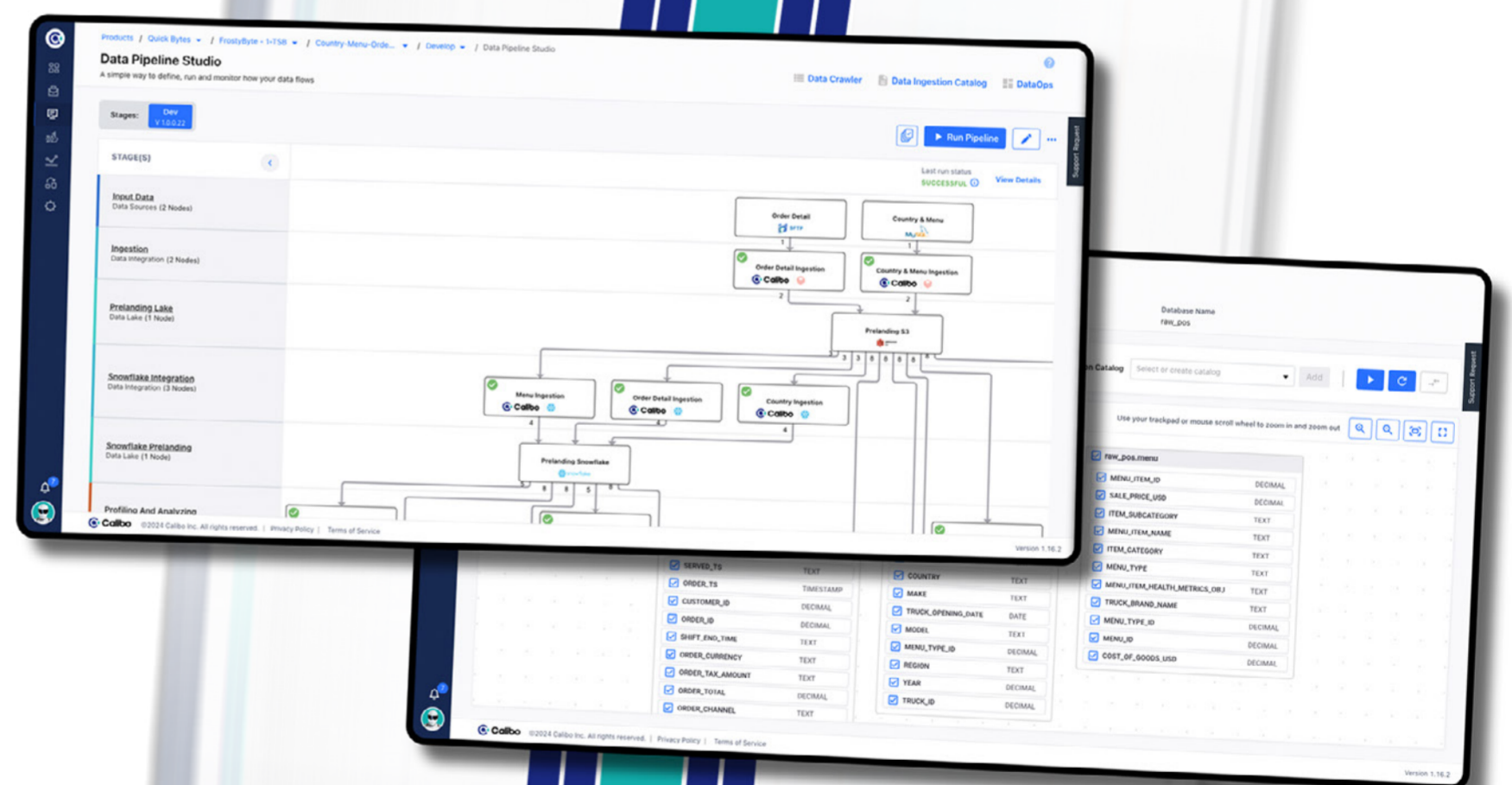
5 **Data transformation & quality assurance**

- Accelerate pipeline development with self-managed templates
- Streamline data quality assurance with built-in best-practice quality features
- Utilize out-of-the-box transformation tools or apply custom SQL
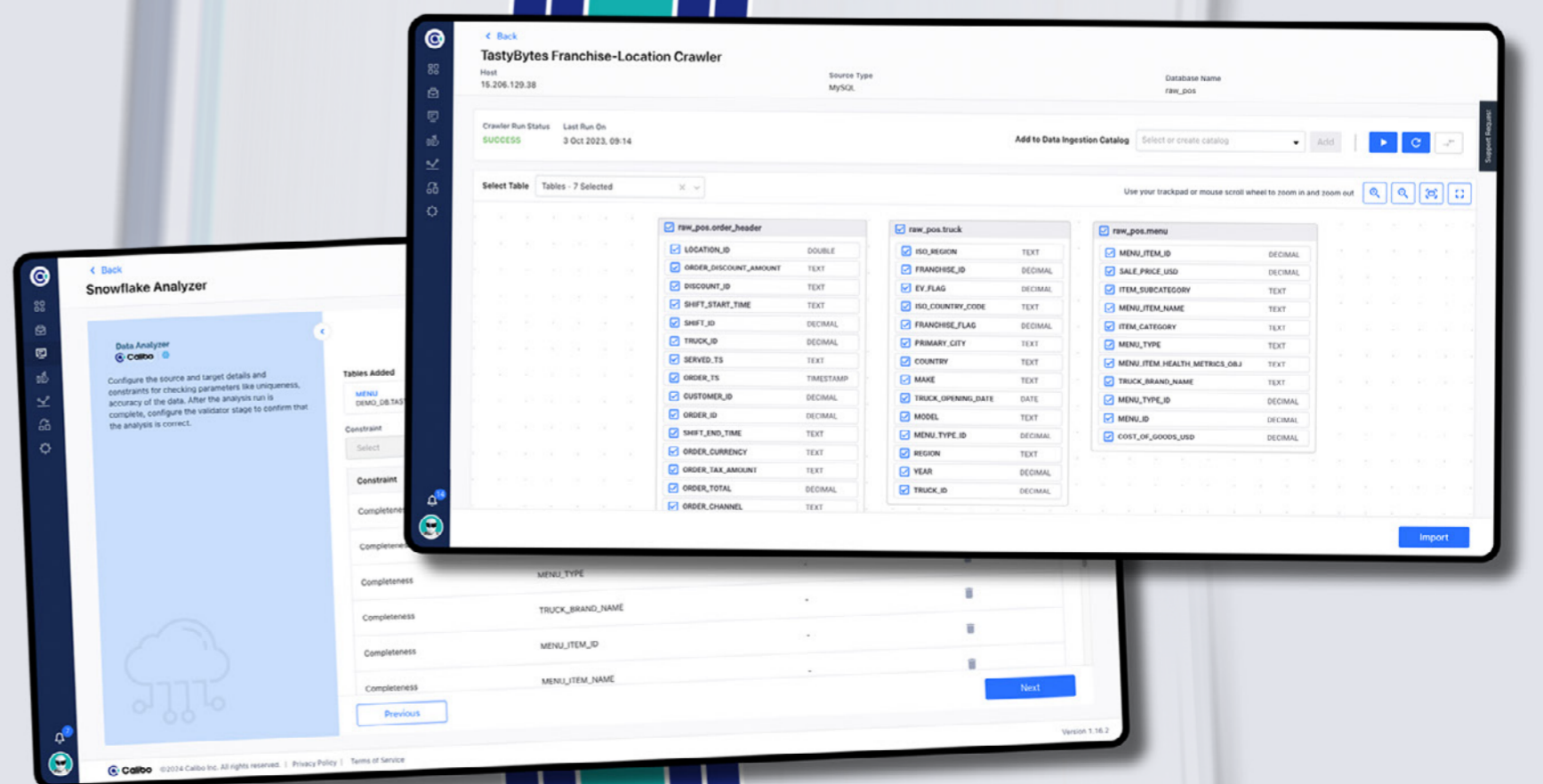
6a Advanced analytics (AI/ML)

- Accelerate advanced modeling with out-of-the-box ML templates
- Simplify testing with smart experimentation features leveraging your preferred ML technologies
- Reduce time-to-market through self-service deployment capabilities
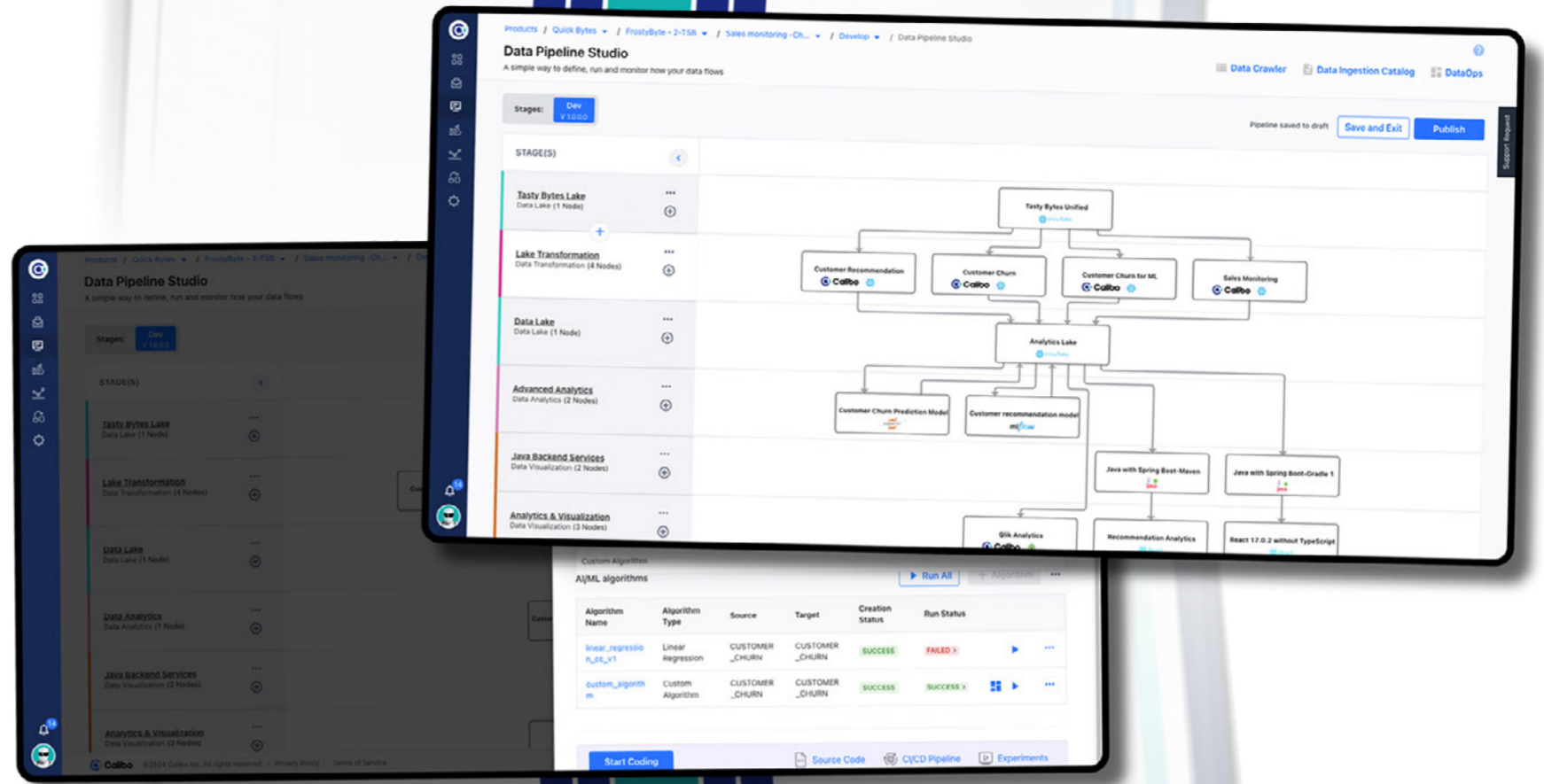
6b Data visualizations & applications

- Connect curated data assets to your preferred BI tools
- Develop and deploy custom data applications using the Integrated Developer Portal
- Make data easily accessible and consumable across the organization
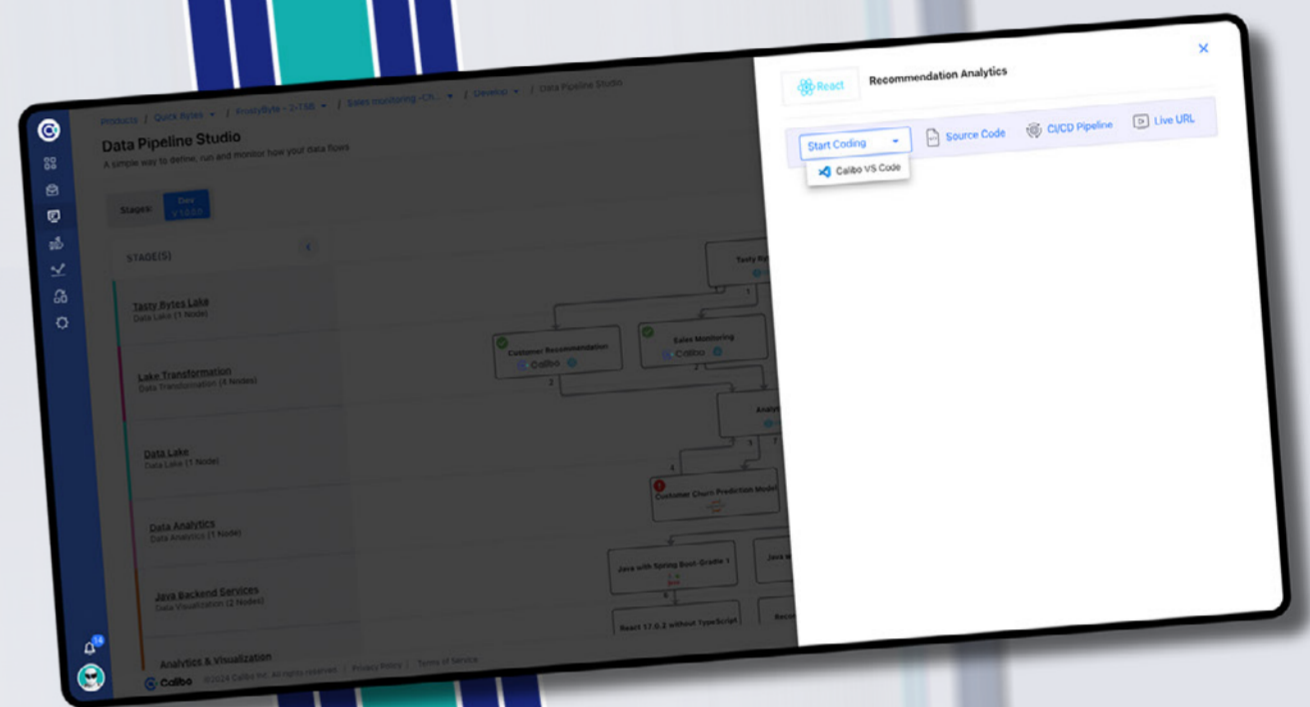
7 Deployment, monitoring & maintenance

- Automate deployment into your underlying tech stack
- Automate data pipeline execution with custom scheduling and notification features
- Monitor pipelines in DataOps-focused dashboards
- Analyze complex data pipelines easily with the data lineage feature
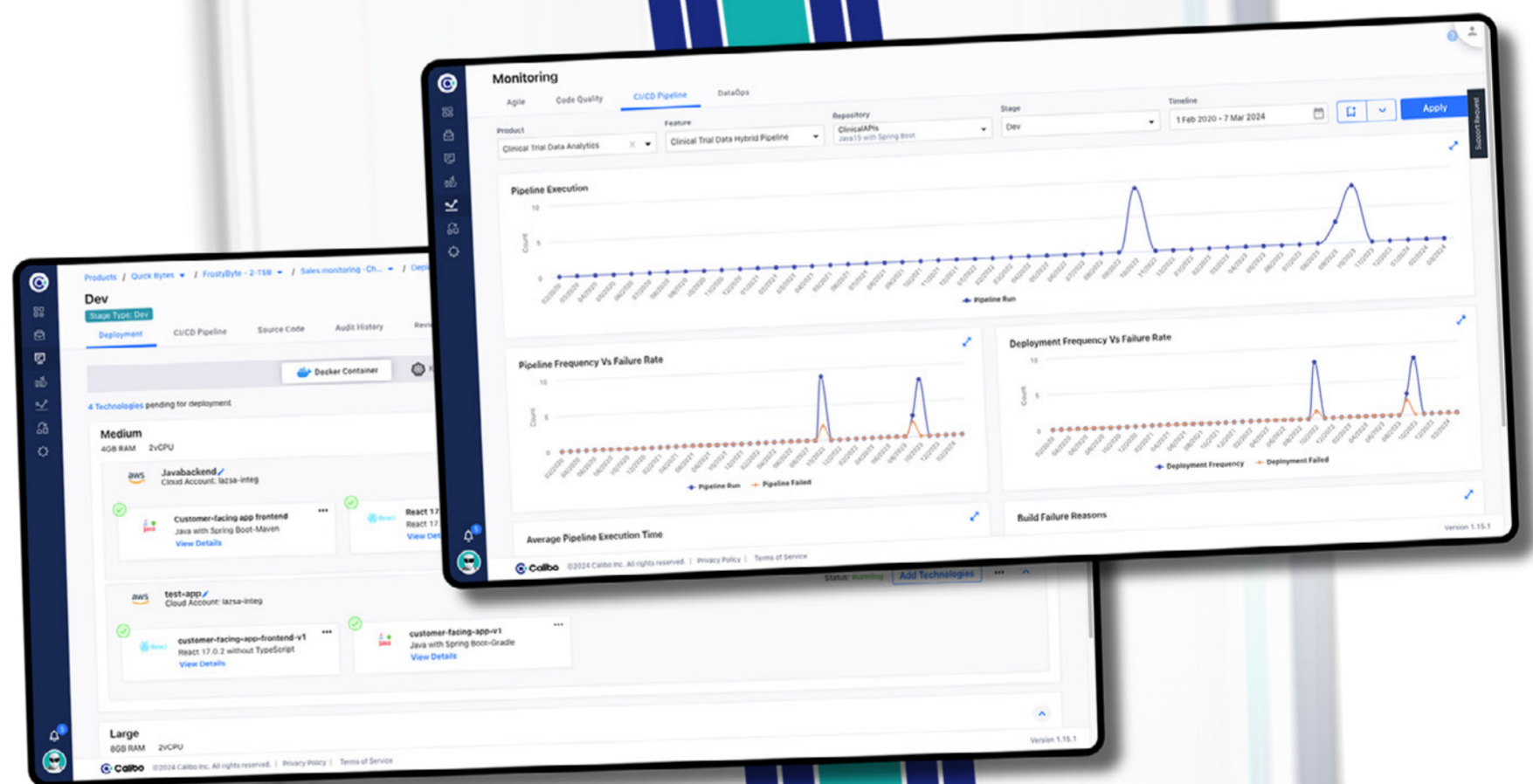
8 Tech governance & FinOps

- Centralized access to executive dashboard and insights for governance
- Value stream and traceability maps provide insights into product release pipeline bottlenecks
- Monitor and access business and product requirements, source-code & security audit logs centrally
- Track and manage cloud resource utilization costs

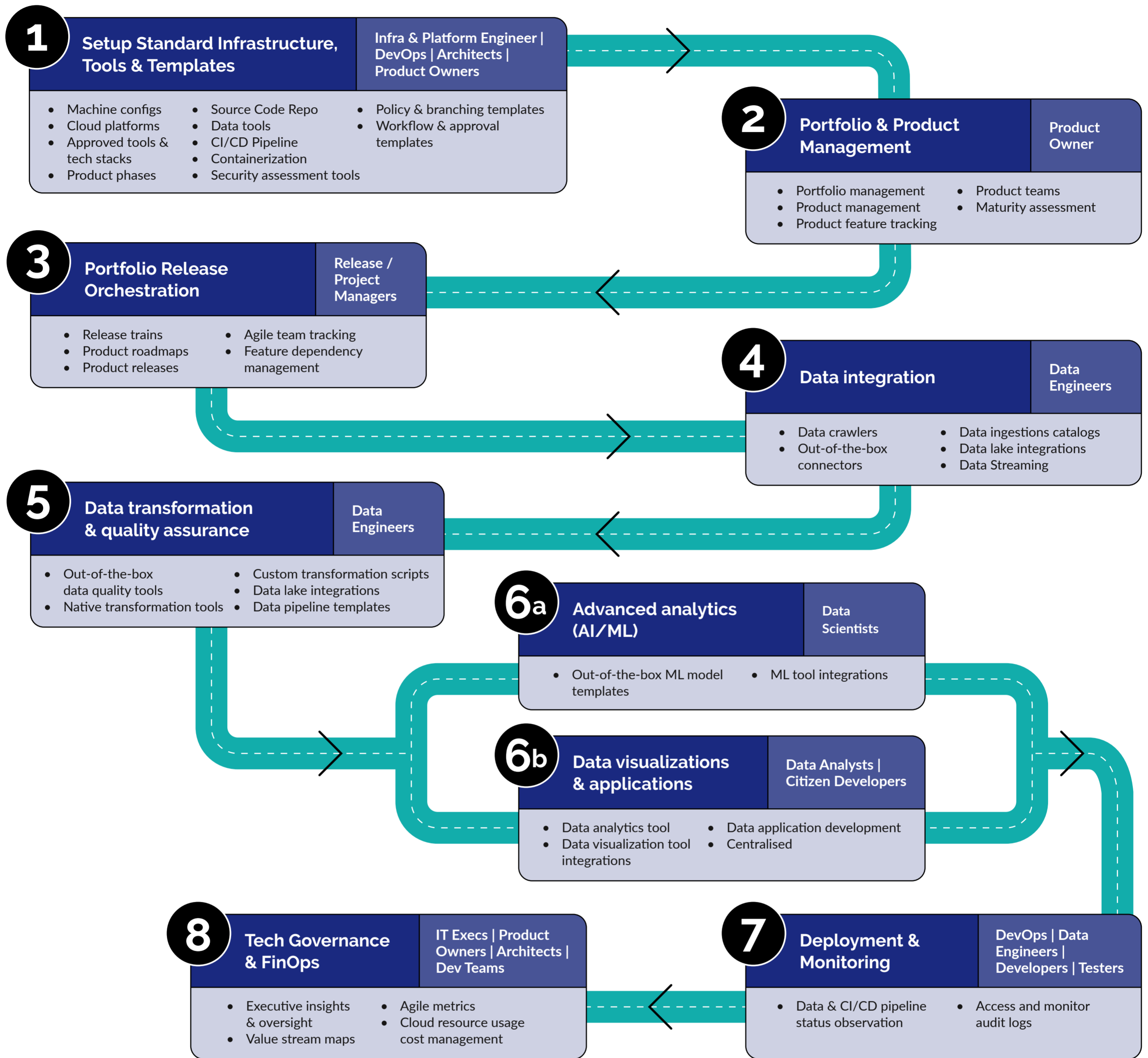# One platform for all your stakeholders across the entire digital value creation

1 Setup Standard Infrastructure, Tools & Templates

Infra & Platform Engineer | DevOps | Architects | Product Owners

- Machine configs
- Cloud platforms
- Approved tools & tech stacks
- Product phases
- Source Code Repo
- Data tools
- CI/CD Pipeline
- Containerization
- Security assessment tools
- Policy & branching templates
- Workflow & approval templates

2 Portfolio & Product Management

Product Owner

- Portfolio management
- Product management
- Product feature tracking
- Product teams
- Maturity assessment

3 Portfolio Release Orchestration

Release / Project Managers

- Release trains
- Product roadmaps
- Product releases
- Agile team tracking
- Feature dependency management

4 Data integration

Data Engineers

- Data crawlers
- Out-of-the-box connectors
- Data ingestions catalogs
- Data lake integrations
- Data Streaming

5 Data transformation & quality assurance

Data Engineers

- Out-of-the-box data quality tools
- Native transformation tools
- Custom transformation scripts
- Data lake integrations
- Data pipeline templates

6a Advanced analytics (AI/ML)

Data Scientists

- Out-of-the-box ML model templates
- ML tool integrations

6b Data visualizations & applications

Data Analysts | Citizen Developers

- Data analytics tool
- Data visualization tool integrations
- Data application development
- Centralised

8 Tech Governance & FinOps

IT Execs | Product Owners | Architects | Dev Teams

- Executive insights & oversight
- Value stream maps
- Agile metrics
- Cloud resource usage cost management

7 Deployment & Monitoring

DevOps | Data Engineers | Developers | Testers

- Data & CI/CD pipeline status observation
- Access and monitor audit logs

Benefits

| 90% faster developer onboarding and environment provisioning | 50% reduced time-to-market for new data assets and apps | Up to 80% time saving potential for data engineers and scientists |

| Improved data quality and consistency across your data fabric | Enhanced self-service developer experience, less fluctuation | Simplified data governance and compliance through out-of-the-box tools |

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Ready to accelerate digital value creation?

GET IN TOUCH

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