7 Ways to Boost Data Quality with Salesforce CI/CD

Poor data quality leads to costly errors, unreliable metrics, and a degradation of data security measures. This can result in costly outages and time-consuming mistakes.

A strong Salesforce CI/CD pipeline has the potential to boost data quality with every release when paired with a comprehensive strategy. Here are seven ways Salesforce CI/CD supports strong data quality:

1 Automated Testing

Salesforce CI/CD tools facilitate automated testing to enable regular checks on data quality, including validation rules, data integrity, and the overall functionality of the update.

2 Version Control

Integrating version control into your CI/CD strategy allows teams to maintain different versions of configurations, workflows, and data models.

3 Code Reviews

An optimized Salesforce CI/CD pipeline utilizes an automated code review tool to ensure all changes adhere to best practices, minimizing the risk of introducing data quality issues.

4 Incremental Updates

CI/CD allows for small, incremental updates to Salesforce configurations and data models, reducing the chances of large-scale data issues.

5 Simplified Standardization

CI/CD promotes the standardization of data handling processes, ensuring consistency and reducing the possibility of human error that might affect data quality.

6 Documentation

CI/CD encourages collaboration among teams and automates the documentation of changes made to Salesforce configurations, helping to trace and rectify data quality issues efficiently.

7 Continuous Monitoring

Setting up monitoring and alerting mechanisms within CI/CD pipelines aids developers in identifying data quality issues in real-time, enabling prompt resolution.