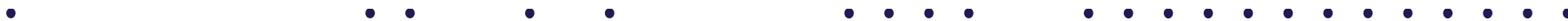


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Where help is needed

- Explosion of SaaS applications
- Manual analytics and data management workflows
- Act immediately or proactively on events based or triggered on data

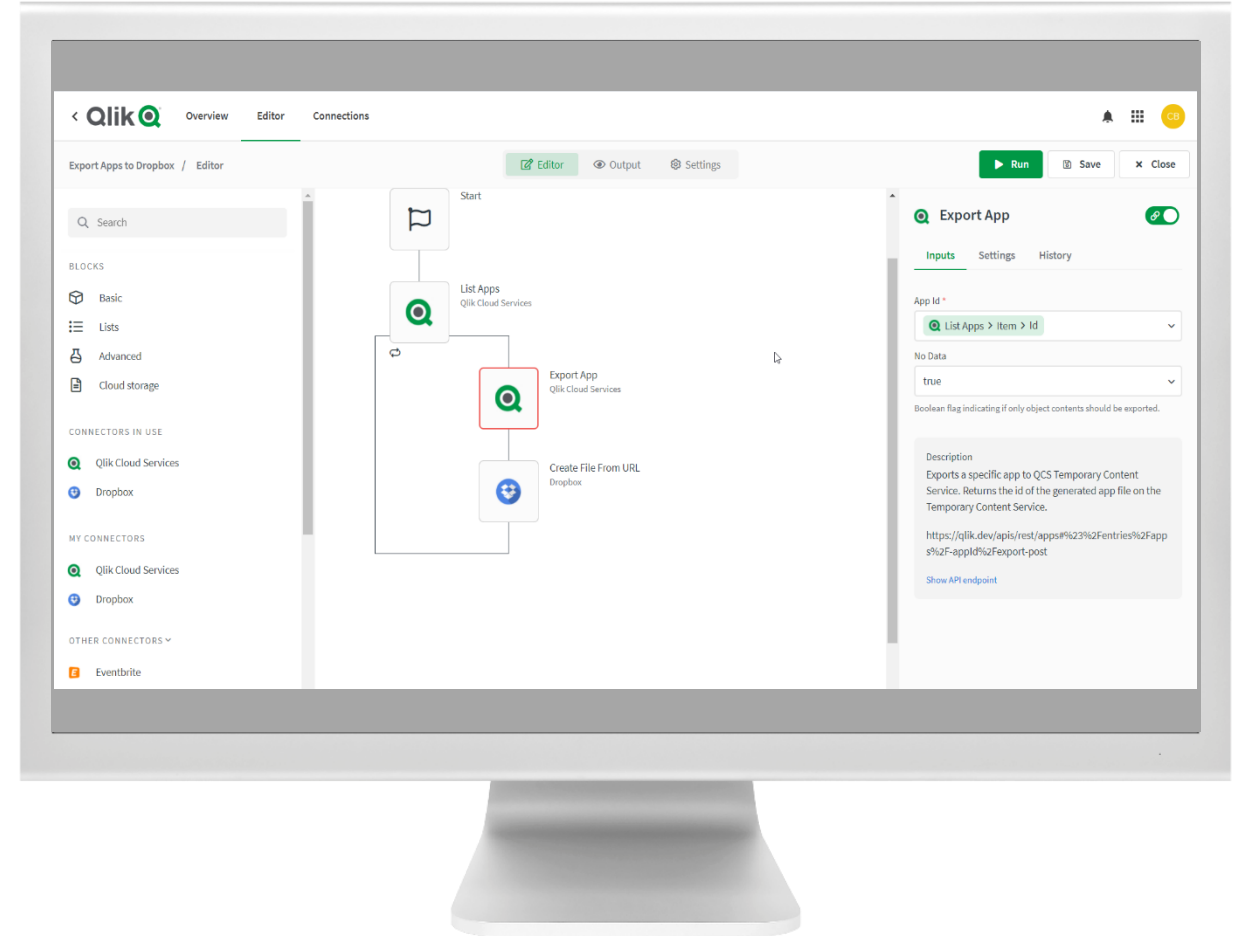


Qlik Application Automation

In SaaS only, free tier available

Powerful features

- No-code drag-and-drop development
- Smart connectivity and action blocks
- Automation triggers
- Native Qlik Cloud integration
- Centrally managed and monitored



Connect to Popular SaaS Applications (do not mix with data connectivity!)

Supports 70+ connectors out of the box



Airtable



Eventbrite



HTTP



Microsoft Dynamics 365



Microsoft Teams



ServiceNow



Amazon S3



FTP / SFTP



HubSpot



Microsoft Excel



MySQL



Snowflake



Databricks



GitHub



Dbt Cloud



Microsoft OneDrive



PostgreSQL



Slack



DataRobot



Google Cloud Storage



Mailchimp



Microsoft SharePoint



Salesforce



SMTP Mail



Dropbox



Google Sheets



Marketo



Microsoft SQL Server



Jira



Zendesk

...and of course



Advanced Action Blocks

Powerful Processing and Logic Controls



SaaS app connectivity



Call other Qlik automations



Listen to API triggers



Include variables



Create loops



Deduplicate list



Schedule integrations



Add custom code



Compare lists



Stop or sleep blocks



Add conditions



Filter list

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How to Trigger Automations

- Manually. From the QAA interface.
- Schedule
- From Qlik app UI (optionally, from data load script)
API call from other platforms (triggered).
- Listen to an event in other platforms via API (webhook)



Use Case Categories



Qlik Analytics Automation

- Reload Qlik apps
- Automatically respond to Qlik app events
- Apply changes to several Qlik applications



Qlik Analytics Operations

- Automate Qlik tenant administration



Dynamic Actions

- Initiate workflows and actions with other systems based on data in Qlik app



Business Process Integration

- Orchestrate workflows that involve one or several SaaS platforms

Examples:

- Inform users via Email, Slack, MS Teams about successful reload
- Add “Average Daily Sales” KPI to Sales and Management apps
- Task to reload Qlik app on a daily basis

- Assign permissions/roles for a newcomer
- Backup most important Qlik apps on a weekly basis
- Promote apps to different spaces
- Export Qlik apps (XML) to GitHub for source control

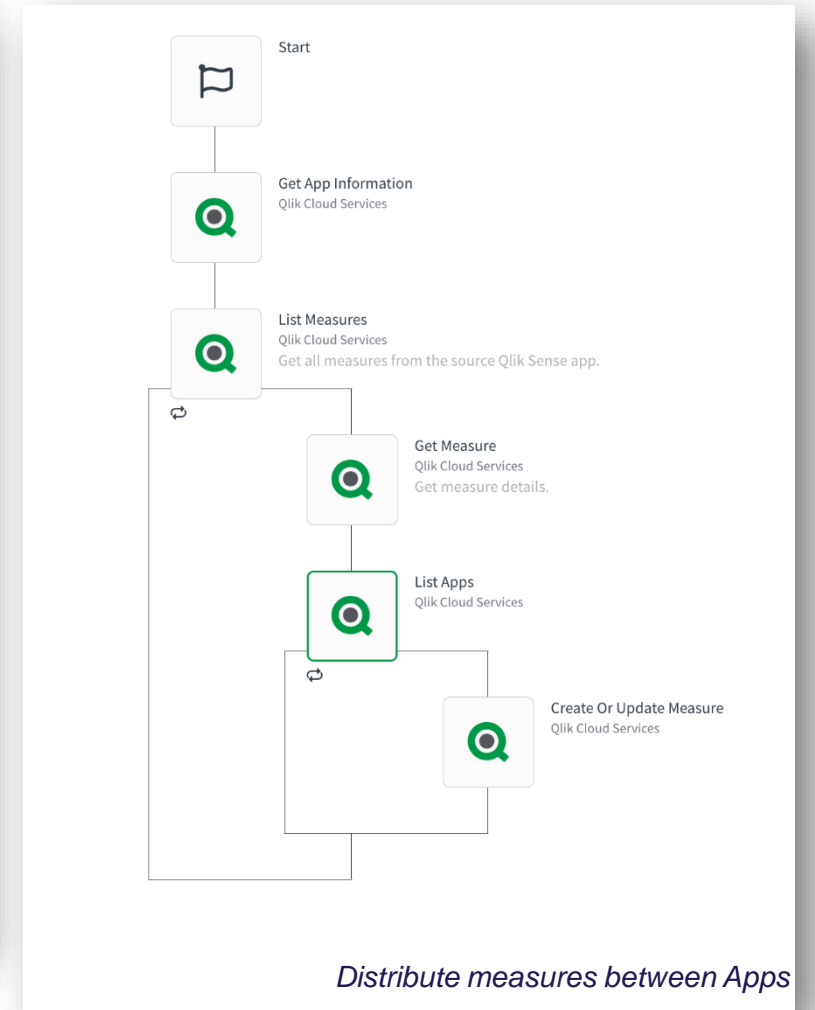
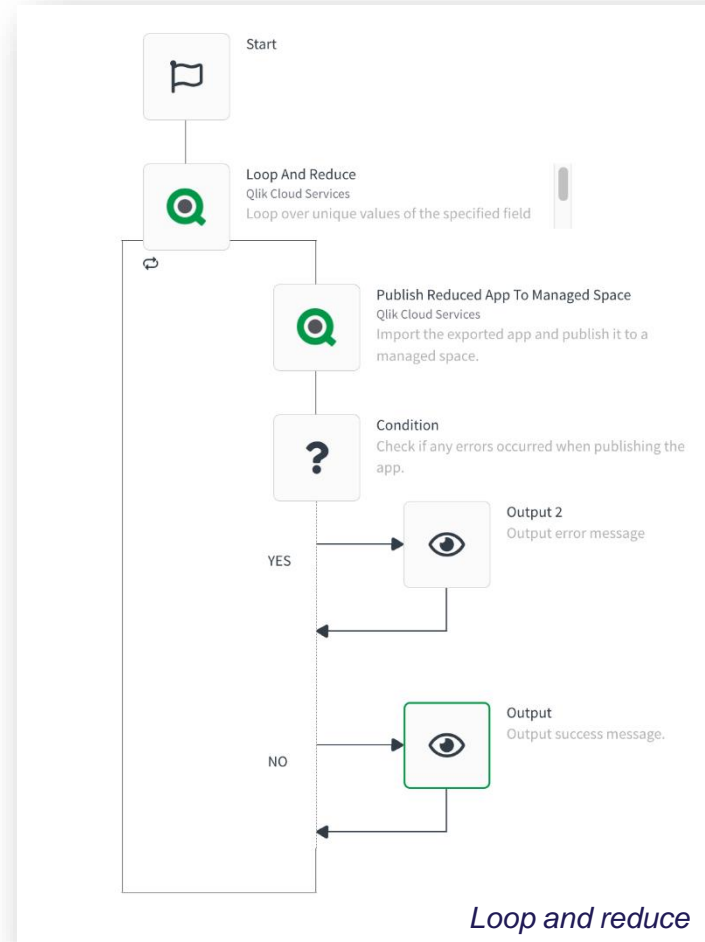
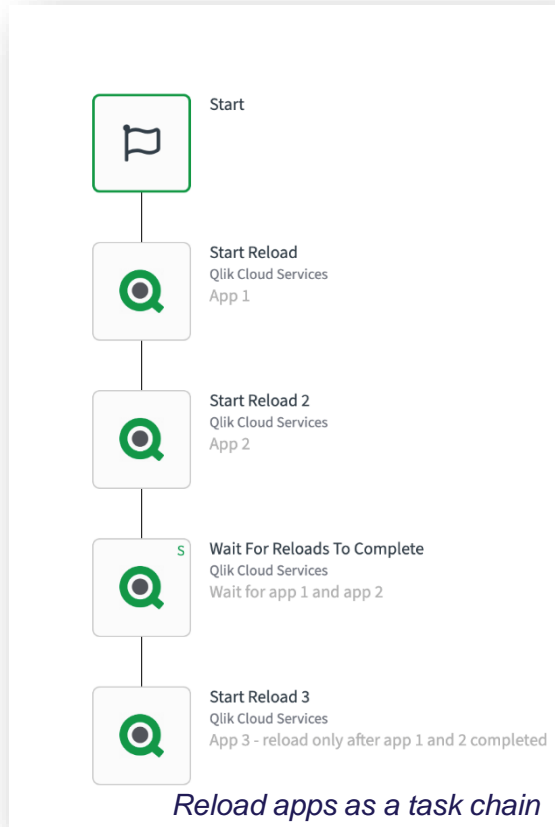
- Send a MS Teams message to Financial dep. if profit is less than planned
- Change type of clients in Salesforce that didn't have sales in three months

- Run onboarding workflow for new employee – Jira ticket for HR to prepare starting pack; ticket in ServiceNow for IT (PC, AD account); inform colleagues and team lead in MS Teams

And many more...



Automate and Orchestrate your Analytics Environment



Generating reports from Qlik apps

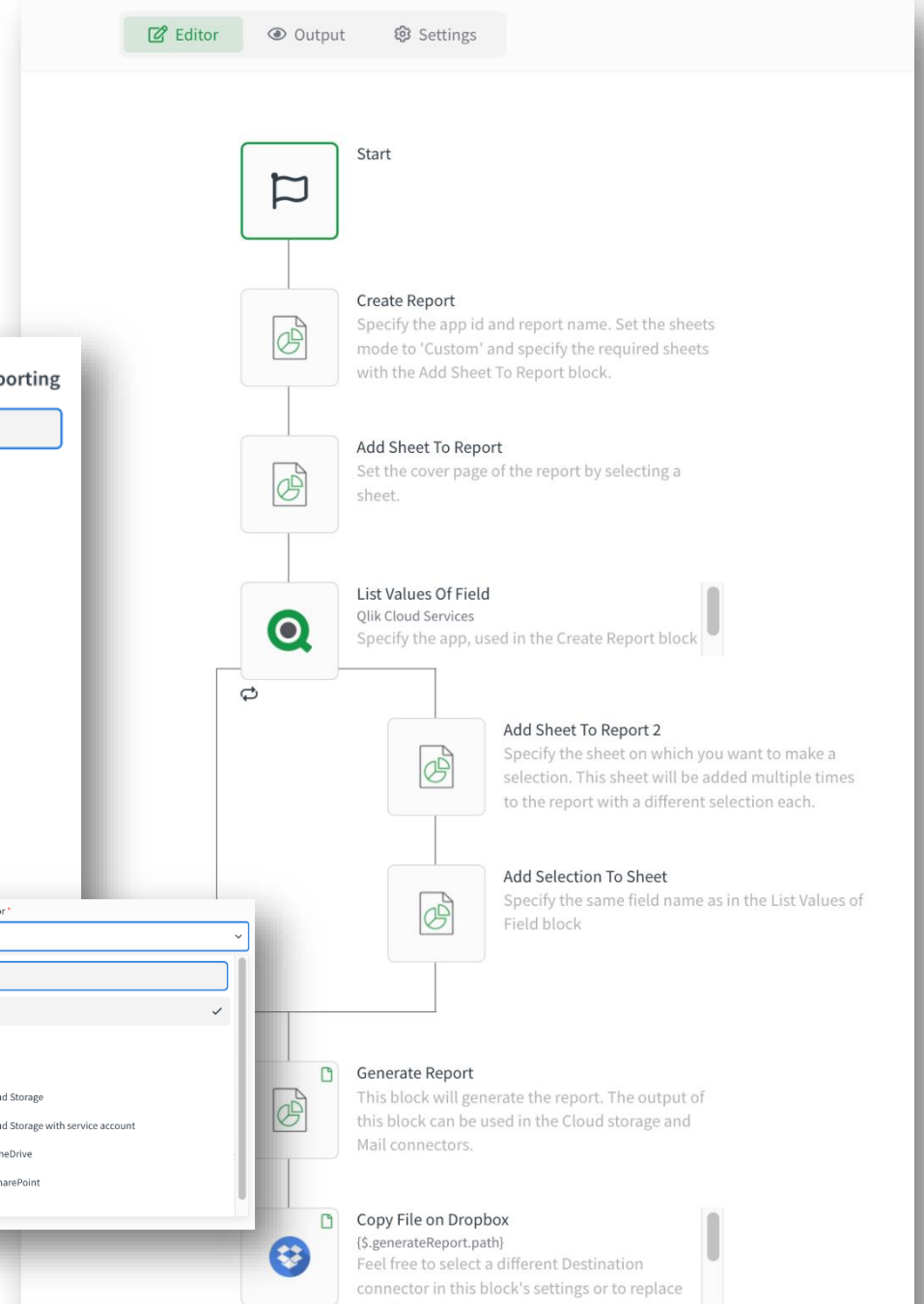
- Multi-sheet delivered in single PDF Report
- Configuration of triggers
- Recipients list formed from connected sources
- Distribute to mail and cloud storage platforms
- Based on the new Qlik reporting API's.

A screenshot of the Qlik Reporting interface. At the top, there is a search bar labeled "Search for blocks". Below it are three tabs: "Get", "Create Or Update", and "Other". A list of blocks is displayed, each with a Qlik icon and a text label:

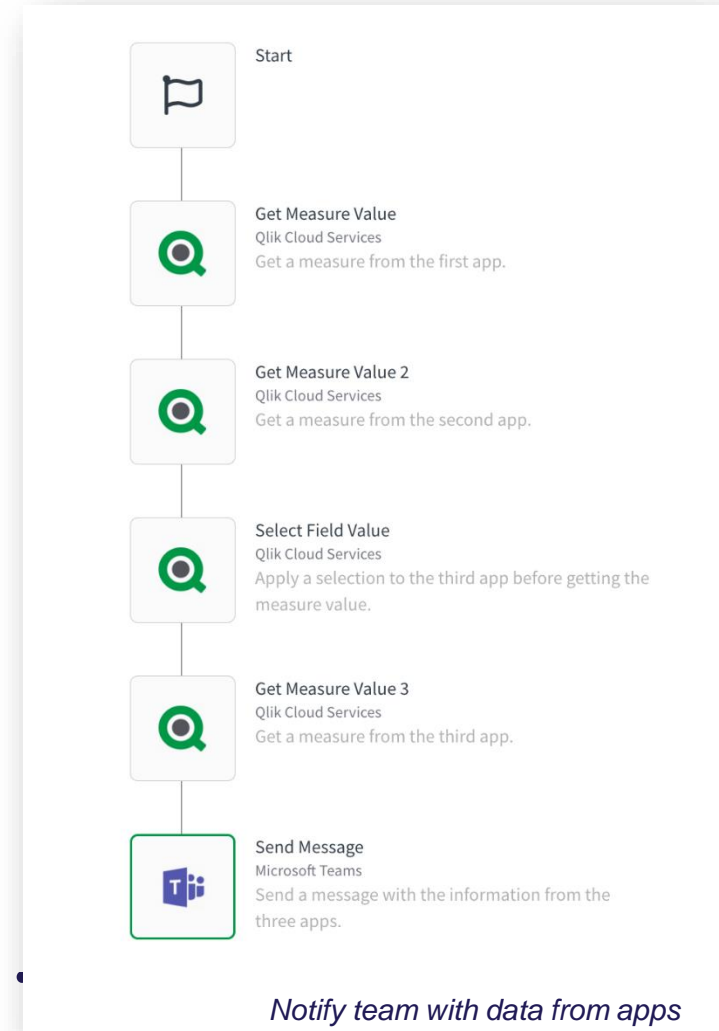
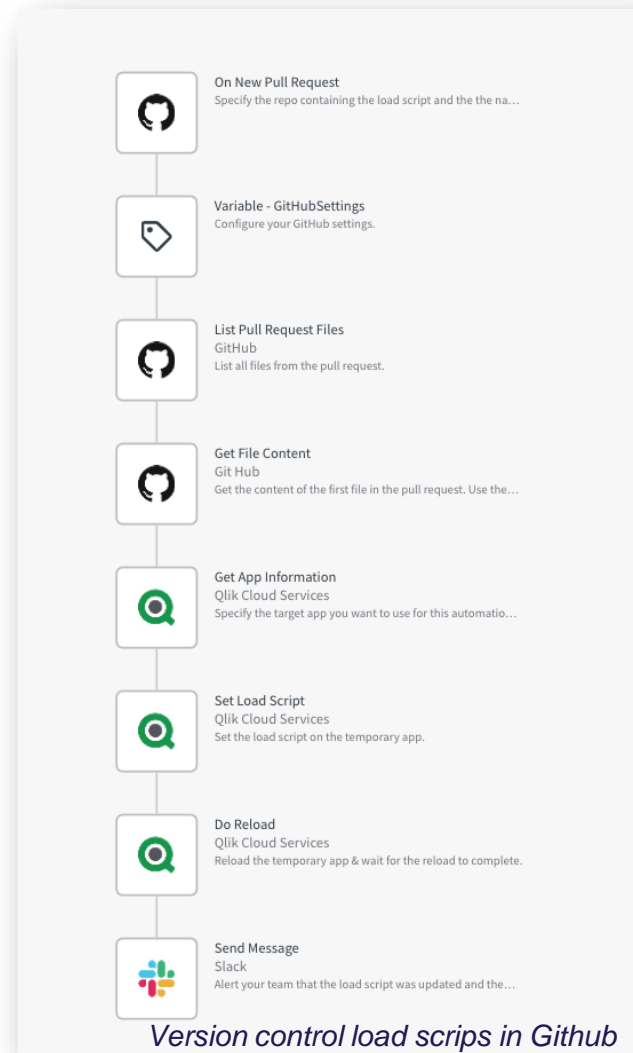
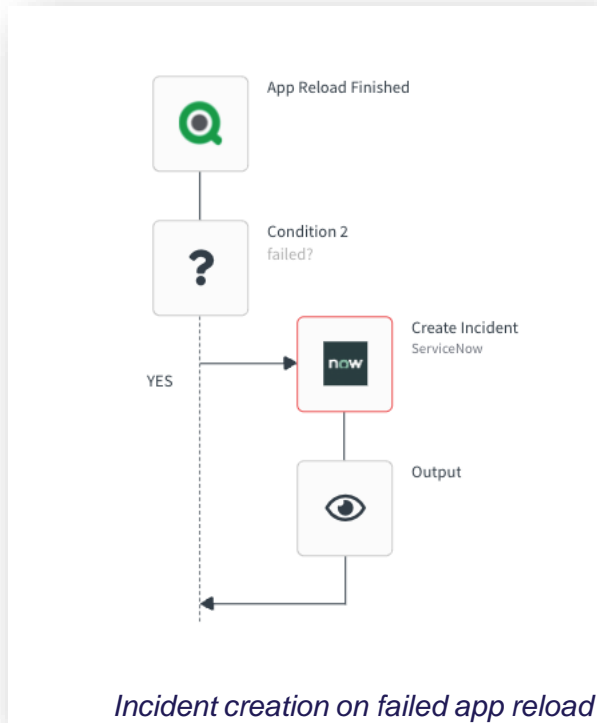
- Create Report
- Add Sheet To Report
- Add Selection To Report
- Add Selection To Sheet
- Generate Report
- Create Report
- Get Report

A screenshot of a "Destination connector" selection dialog. It features a search bar and a list of connectors with checkboxes:

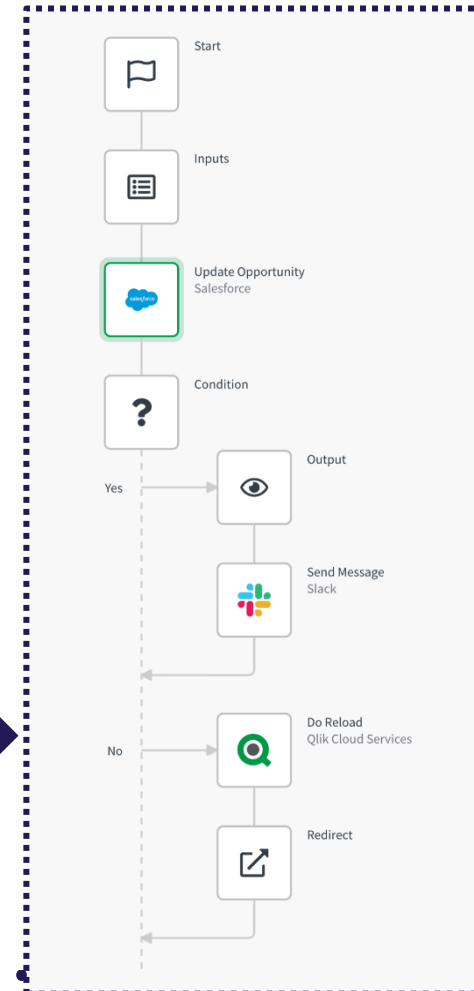
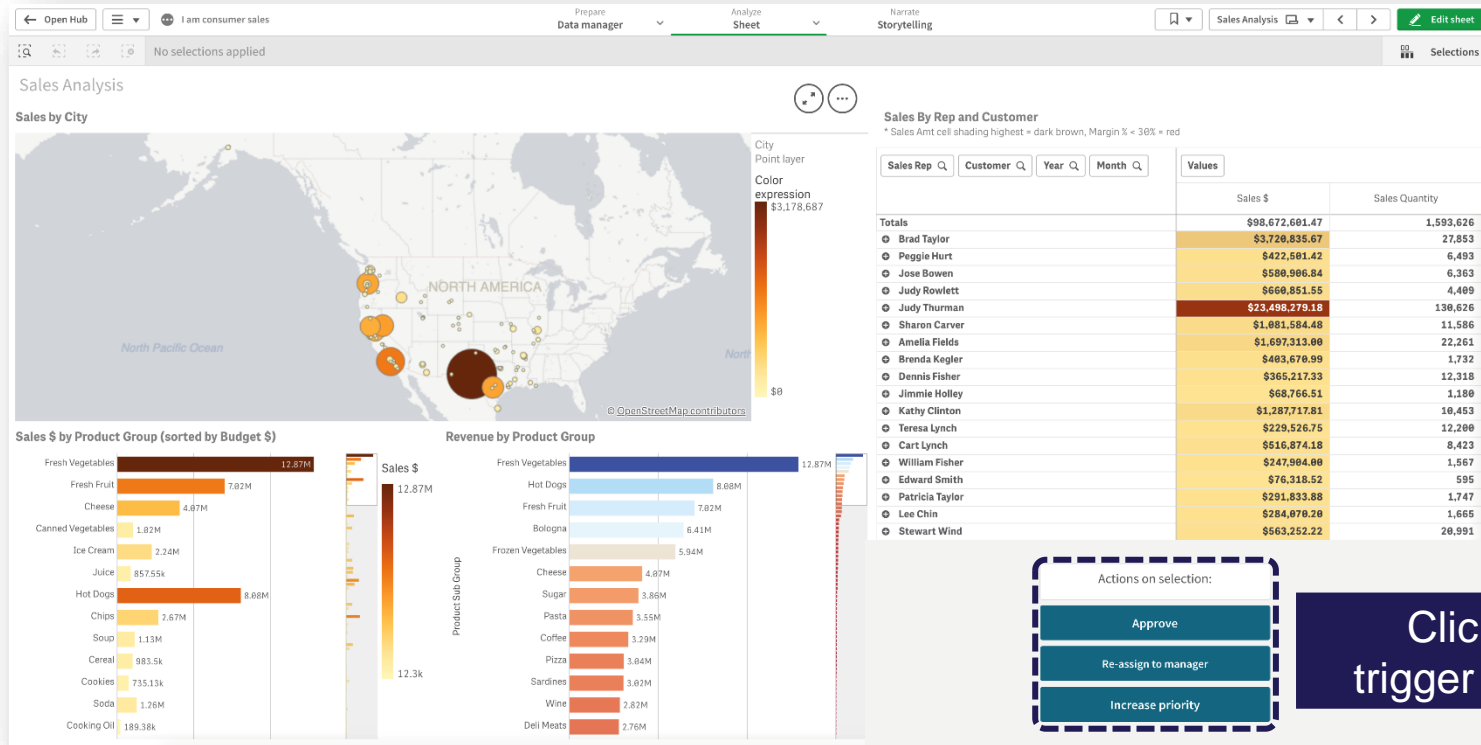
- Amazon S3 (checked)
- Dropbox
- FTP
- Google Cloud Storage
- Google Cloud Storage with service account
- Microsoft OneDrive
- Microsoft SharePoint
- SFTP



Connect Qlik to your Business Applications



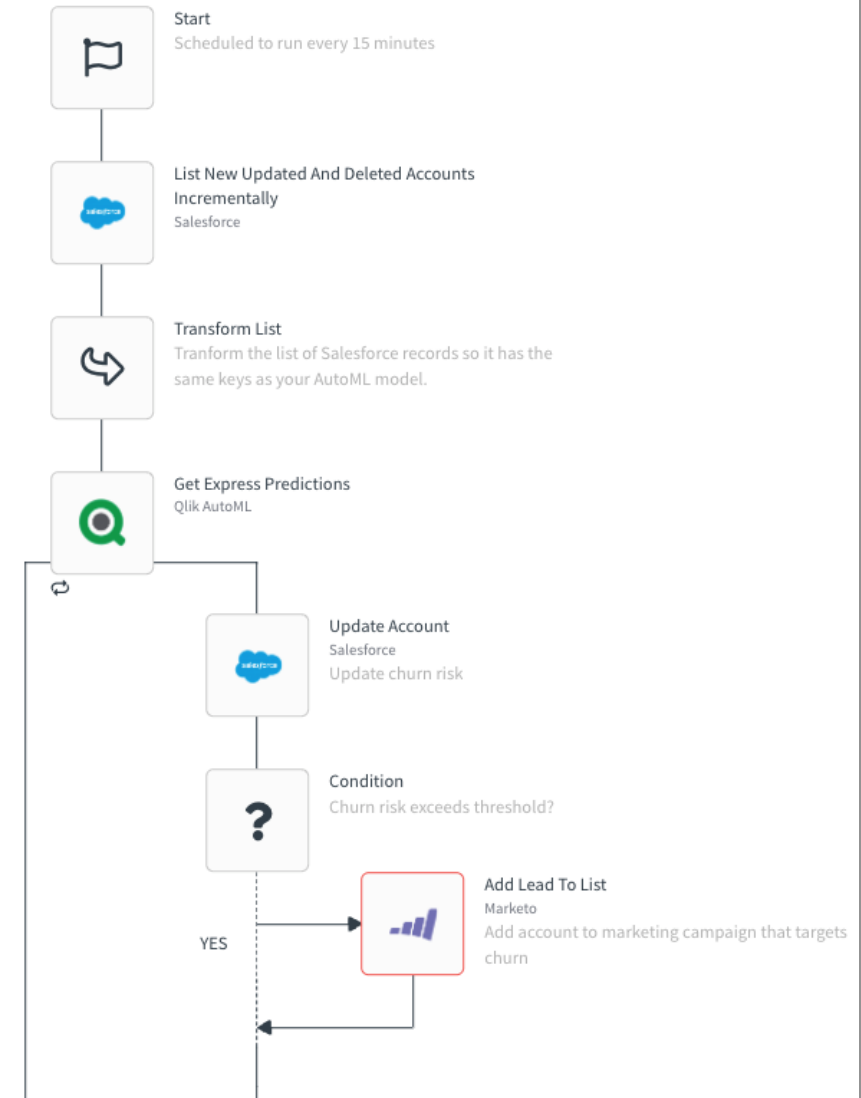
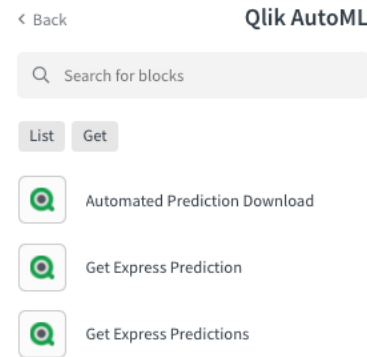
Initiate workflow from Qlik app UI



Writeback and Machine Learning

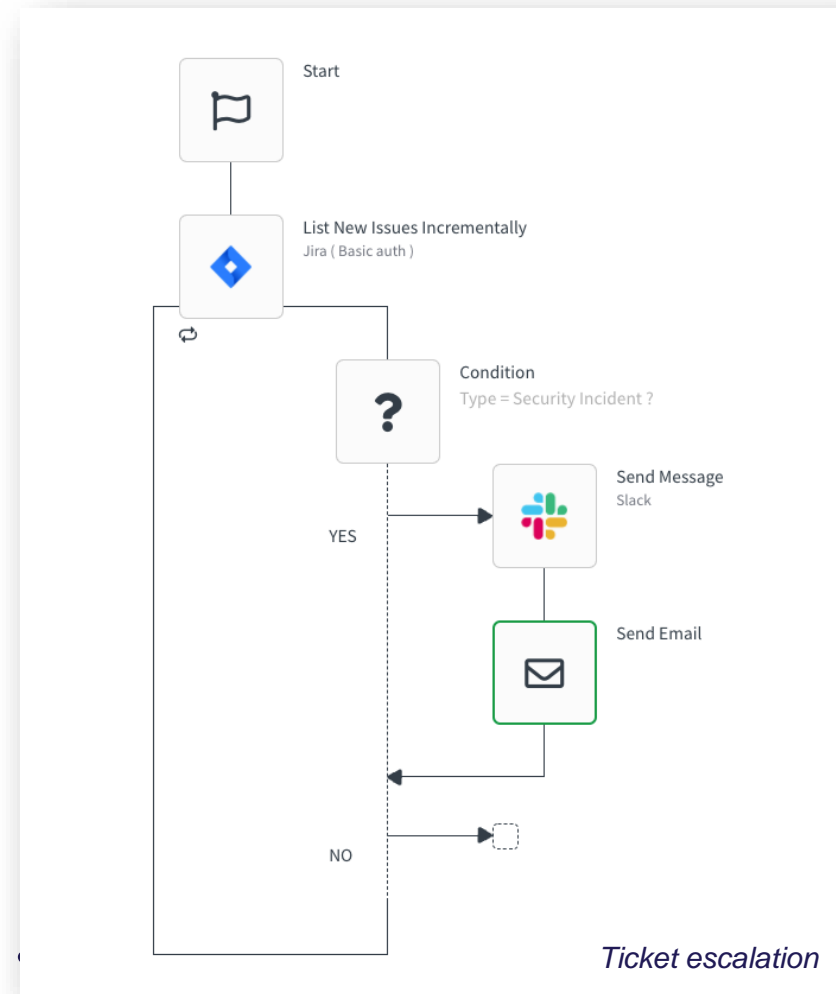
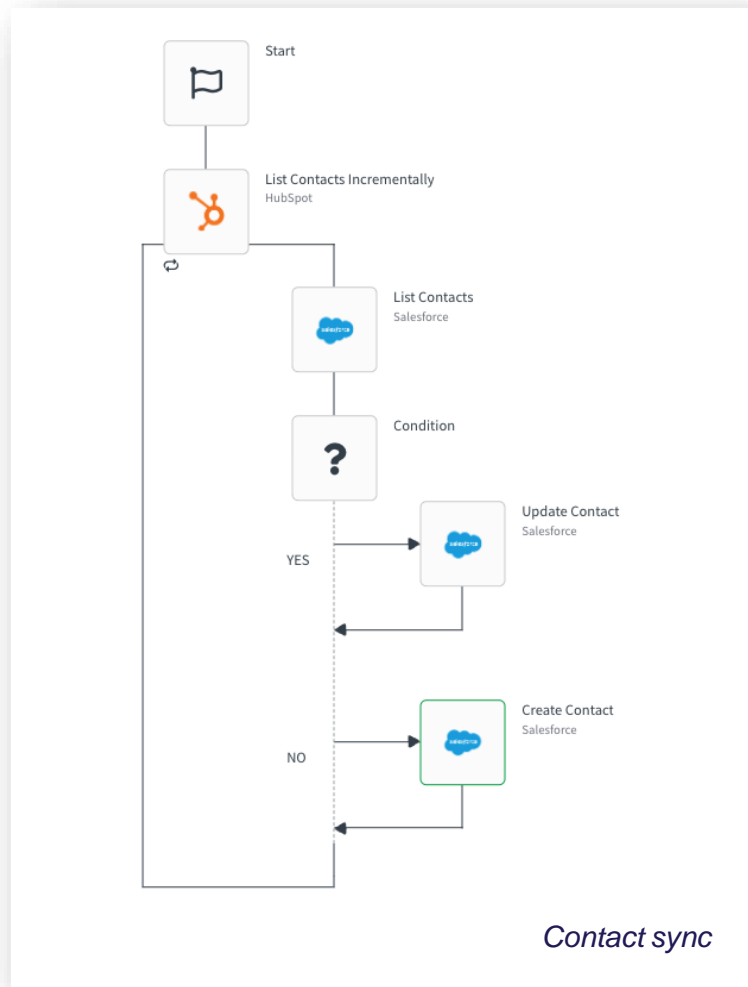
Customer Churn Prediction

- Get target client list from a source system
- Native integration with Qlik AutoML connector
- Writeback enriched data – update churn risk parameter in source system
- Add customers with high leaving risk to marketing campaign



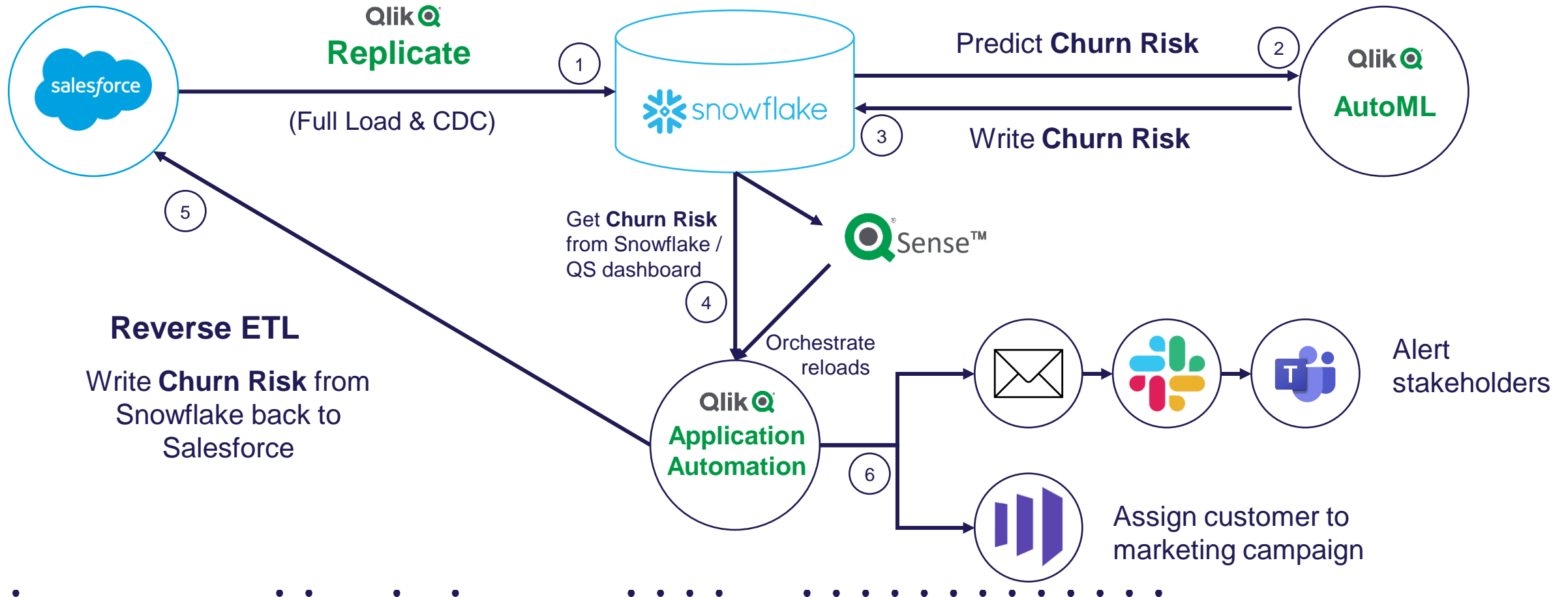
Improve Business Efficiency (not dependent on Qlik)

Automate SaaS Application Integration Processes



Orchestrate processes on data platforms: ReverseETL and AutoML Enrichment

Customer Churn Demonstration



Millions of other use cases

- Check if stock is below permitted, and if it is, then place a purchase order in ERP system (using raw API) and notify Product Managers
- Advanced budget control – check income and expenses, spot the most problematic cost units and positions with high expense rate, send an email to management noticing details, create a ticket in Jira and assign to unit manager to solve the issue
- To make your input folder clean, move source flat files in Microsoft OneDrive to archive folder after successful Qlik Sense app reload.
- Inform Qlik app owners via email about the applications that have not been accessed in the last 30 days.
- Run dbt jobs to initiate the ETL process after raw data is available in the source system.



Demo

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Q&A

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