

Digitize Your Finance Ops



Use Cases

DATA SEMANTICS[®]
BETTER INSIGHTS SMARTER DECISIONS

Take control of your department's digital future

Digitize and automate tasks without relying on IT for every little thing.



How Data Semantics Can Help



Digital Transformation

Build custom applications to streamline workflows, automate tasks, and empower your team.



Unleash Innovation

Get the solutions you need quickly, without lengthy IT cycles.



Work Smarter, Not Harder

Boost team productivity with custom tools that address your specific challenges.



Seamless Integration

Integrate with your existing systems for a smooth transition.

Power Platform: Digitizing Finance Organization

Executive Summary

This handbook explores how Microsoft Power Platform can revolutionize your finance organization. Leveraging "Microsoft Power Platform" tools, empower your team to automate repetitive tasks, streamline workflows, and gain deeper financial insights.



Unlock a New Era of Efficiency



Boost Productivity

Automate manual tasks like data entry, document processing, and approvals.



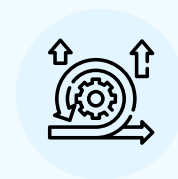
Data-Driven Decisions

Gain real-time insights through intuitive dashboards and reports.



Improved Collaboration

Break down silos and empower seamless information flow across departments.



Enhanced Agility

Rapidly build and deploy custom applications without lengthy IT cycles.

Digitization Use Cases for Finance

Automated Workflows & Data Extraction

- Automate document processing & approvals (invoices, receipts)
- Manage non-standard purchase requests efficiently
- Integrate financial data from external sources
- Automate tasks & analyze AP/AR workflows
- Update exchange rates & integrate commodity data

Enhanced Communication & Collaboration

- Deploy chatbots to answer routine inquiries
- Manage M&A deals & improve stakeholder communication
- Streamline invoice processing & communication

Real-Time Insights & Decision Making

- Gain real-time insights for data-driven decisions
- Track cash flow & receive real-time alerts
- Consolidate forecasts & budgeting data

Intelligent Automation & Streamlined Processes

- Implement digital petty cash management
- Predict & automate P&L provisioning calculations
- Automate data collection & tax calculations

Embrace the Power of Transformation

We help equip your finance team with the tools and agility to navigate the future. Contact us today to learn how we can help you unlock the full potential of your finance organization.

Reimagining Finance for Success



Document Parsing, Reading, Management & Routing

Key Function

- This process involves automatically handling various financial documents. It includes tasks like
- Parsing different document formats (emails, PDFs, invoices etc.) to extract relevant data (amounts, dates, account details etc.)
- Reading and understanding the extracted information
- Classifying and organizing documents based on pre-defined rules (e.g., invoices vs. receipts)
- Routing documents to the appropriate personnel or systems for further action (e.g., accounting for approval)

Automation Opportunity

Automate data extraction from various document formats, eliminating manual data entry.

Automatically categorize and route documents based on extracted information.

Trigger workflows based on document content (e.g., initiate approvals for invoices above a certain threshold).



Reimagining Finance for Success



Non-Standard Requisitions & Centralized Workflow

Key Function

- This process deals with managing purchase requests (requisitions) that may not follow the standard format within the organization. It typically involves
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- Identifying the appropriate approvers based on the requisition content and value.
- Manually routing requisitions through the approval chain.
- Routing documents to the appropriate personnel or systems for further action (e.g., accounting for approval)

Automation Potential

Develop a system to handle non-standard requisitions with minimal manual intervention.

Extract key information from the requisition (e.g., category, amount) and use it to route it to the correct approver automatically.

Create a centralized workflow for both standard and non-standard requisitions, improving efficiency and visibility.



Reimagining Finance for Success



External Site Scraping & Recording to Internal Systems

Key Function

This process involves collecting data from external websites that are relevant to finance functions. It might include

- Manually visiting external websites to find and extract specific data points (e.g., market prices, currency exchange rates).
- Manually entering the extracted data into the internal financial system.

Automation Potential

Develop a web application to automatically scrape data from designated external websites.

Integrate the scraped data seamlessly into relevant internal financial applications.

Schedule data scraping at regular intervals to ensure real-time updates in internal systems.



Reimagining Finance for Success



Automation & Process Analytics

Key Function

This involves analyzing and automating various financial processes like AP and AR. It can encompass

- Identifying repetitive and time-consuming manual tasks within financial workflows.
- Analyzing process data to identify bottlenecks and inefficiencies.
- Designing and deploying low-code automations to streamline these processes.

Automation Potential

Automate data entry, reconciliation, and reporting tasks.

Create automated alerts and notifications for exceptions or delays.

Generate real-time process analytics dashboards for continuous improvement.



Reimagining Finance for Success



Conversational AI - Chatbot

Key Function

This involves deploying a chatbot to handle basic financial inquiries from employees or customers. It might include

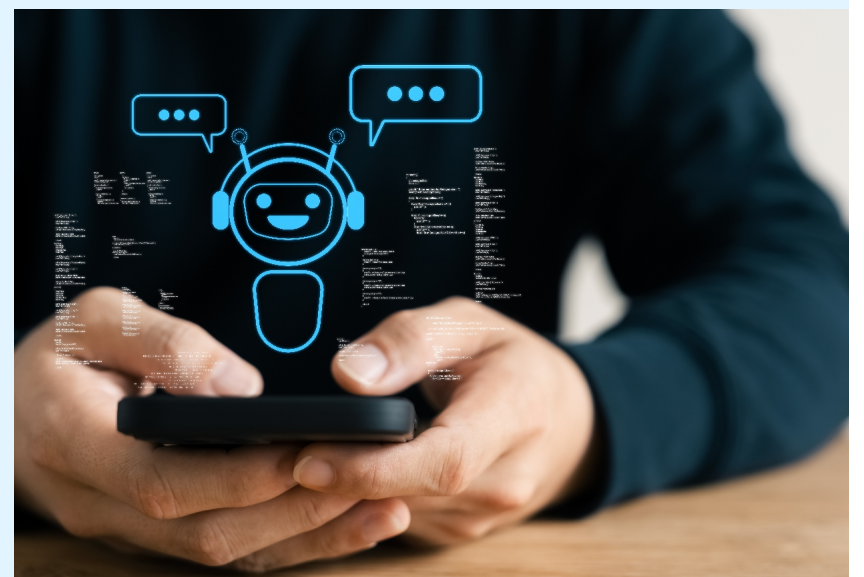
- Manually responding to repetitive questions about account balances, transaction details, or payment options.
- Directing users to relevant resources or personnel based on their inquiries.

Automation Potential

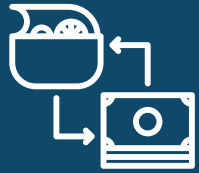
Develop a chatbot to answer frequently asked financial questions using pre-defined responses and decision trees.

Enable basic financial transactions like bill payments or money transfers through the chatbot interface.

Integrate the chatbot with internal financial systems for real-time information access.



Reimagining Finance for Success



Petty Cash

Key Function

This process involves managing and tracking small, expense-based transactions. It typically includes

- Manually filling out petty cash request forms and obtaining approvals.
- Issuing cash from the petty cash fund and maintaining detailed records.
- Reconciling petty cash expenditures with receipts and approvals.

Automation Potential

Develop a web or mobile application for submitting and approving petty cash requests electronically.

Integrate the system with mobile wallets for cashless transactions and automated receipt capture.

Implement a digital petty cash management system with pre-loaded spending limits and automated approvals.



Reimagining Finance for Success



Cash Tracker

Key Function

This process involves monitoring and managing the organization's available cash flow. It might include

- Manually collecting data from various sources (bank statements, invoices, etc.) to track cash inflows and outflows.
- Generating manual reports to analyze cash positions and identify potential shortfalls.

Automation Potential

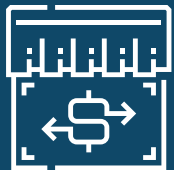
Develop web or mobile based cash tracking dashboard that automatically pulls data from relevant financial systems.

Set up automated alerts for low cash balances or upcoming payments.

Integrate the system with online banking platforms for real-time cash flow updates.



Reimagining Finance for Success



Cash Flow Forecast & Budgeting Forecast Consolidation

Key Function

This process involves creating and combining separate cash flow and budgeting forecasts. It typically includes

- Manually collecting and consolidating data from different departments for both forecasts.
- Manually reconciling discrepancies and creating a unified forecast.
- Manually generating reports based on the consolidated forecast.

Automation Potential

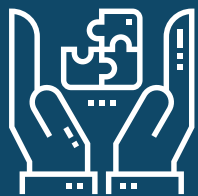
Develop a web application where different departments can submit their forecasts directly into a central platform.

Generate automated reports and visualizations based on the consolidated forecast.

Automate data consolidation and reconciliation based on pre-defined rules.



Reimagining Finance for Success



P&L Provisioning

Key Function

This process involves estimating and recording potential liabilities and expenses in the profit and loss (P&L) statement. It might include

- Manually analyzing historical data and trends to estimate future provisions.
- Manually calculating and recording provisions in the accounting system.

Automation Potential

Develop a low-code system that uses historical data and machine learning to predict future provisions.

Integrate the system with the accounting system for automatic journal entries.

Automate the calculation of provisions based on pre-defined rules and models.



Reimagining Finance for Success



Taxation

Key Function

This complex process involves calculating, recording, and filing various taxes. It might include

- Manually collecting and analyzing tax data from various sources (sales records, payroll data etc.).
- Manually calculating different tax liabilities based on complex regulations.
- Manually preparing and filing tax returns.

Automation Potential

(While full automation of tax processes might be limited due to regulatory complexities, low-code solutions can still be beneficial)

Develop rule-based systems to calculate specific taxes based on pre-defined formulas.

Automate data collection and integration from various financial systems.

Generate tax reports and pre-fill tax return forms with relevant data.



Reimagining Finance for Success



Deal Hub

Key Function

This process involves managing the flow of information and documents during mergers and acquisitions (M&A) deals. It might include

- Manually collecting and organizing various documents related to the deal (financial statements, legal agreements etc.)
- Manually routing documents and updates to relevant stakeholders for review and approval.

Automation Potential

Develop a secure low-code platform for centralized deal document storage and management.

Implement automated notifications and reminders for stakeholders to take action on documents.

Automate document routing based on pre-defined workflows and user permissions.

Integrate with external systems for data exchange and reporting.



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AP/AR Consolidation & Communications

Key Function

This process involves managing and consolidating accounts payable (AP) and accounts receivable (AR) activities. It might include

- Manually processing invoices and payments for both vendors and customers.
- Manually sending and receiving invoices, statements, and payment reminders.
- Manually reconciling accounts and resolving discrepancies.

Automation Potential

Develop a low-code system for automated invoice processing and payment workflows.

Integrate with electronic invoicing and payment platforms for streamlined transactions.

Automate communication with vendors and customers through email or SMS notifications.



Reimagining Finance for Success



Currency Exchange Updates

Key Function

This process involves manually updating internal systems with the latest currency exchange rates. It might include

- Manually checking financial websites or data feeds for current exchange rates.
- Manually entering the rates into the accounting system or other relevant applications.

Automation Potential

Develop a low-code solution to automatically fetch real-time currency exchange rates from reliable sources.

Integrate the system with financial applications to update rates automatically on a scheduled basis.



Reimagining Finance for Success



Commodity Price Scraping

Key Function

This process involves collecting and integrating data on commodity prices from external sources. It might include

- Manually visiting commodity trading websites to find and extract specific price data.
- Manually entering the extracted data into internal systems for analysis.

Automation Potential

Develop a low-code scraper to automatically collect commodity price data from designated websites.

Integrate the scraped data with relevant financial applications for analysis and forecasting.

Schedule data scraping at regular intervals to ensure real-time updates in internal systems.

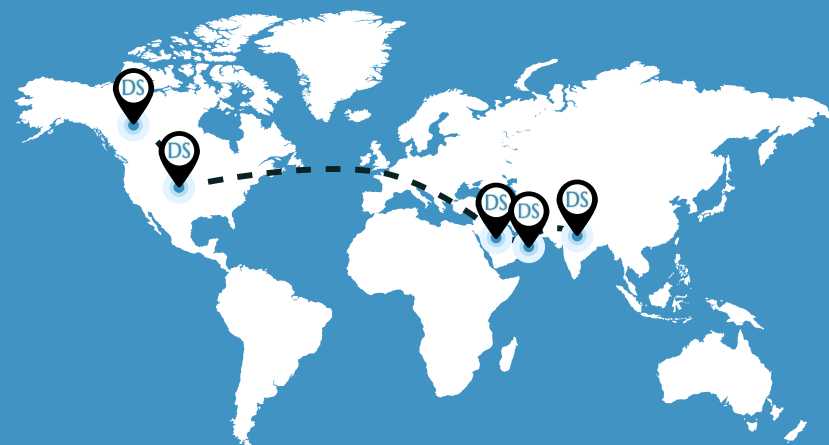


About Us

With over 11 years in business, we've pioneered cutting-edge data analytics and automation solutions that fuel innovation and enhanced productivity.

Our 350+ experts bring a wealth of unmatched experience, making data the cornerstone of your success, and translating it into valuable insights and business growth.

Our Global Presence



For more information visit

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