Galvanize

ACL ROBOTICS

Government applications

ACL ROBOTICS TAKES RECURRING ANALYSIS TO THE NEXT LEVEL THROUGH CENTRALIZED DATA EXTRACTION, ANALYSIS, EXCEPTION MANAGEMENT, REPORTING, AND VISUALIZATION.

Our advanced data analytics and automation solution, ACL Robotics, gives government organizations confidence in the accuracy and integrity of transactions underlying their key business processes and financial reporting. Here are some usage scenarios.

Department operations

- Analyze payroll costs for correct classification of employee/union benefits.
- Check for overtime abuse by comparing use of overtime hours and work productivity indicators.
- Extract duplicate names and social security numbers from employee database.
- Compare employee termination dates to payroll to ensure no erroneous payments.
- Analyze abnormal fleet usage and charges.

- Identify employees earning more than a specified percentage of salary in overtime.
- Highlight suspicious or abnormal travel expenditures.
- Verify telephone invoices with unauthorized long-distance usage.
- Group property by categories (off-site, expense, capital, sensitive, etc.) for reporting requirements.
- Examine maintenance records to schedule maintenance required on government vehicles or equipment.

Financial management

- Identify duplicate payments (e.g., same amounts, common dates, etc.).
- Calculate the year-end balance for each account, compare to prior year, and identify variances.
- Determine whether journal vouchers are corrected on a timely basis.
- Perform trend analysis of expenditures for each month, compare departments, and identify large and small monthly expenditures.
- Profile and sample on all year-end spending transactions for verification.

- Identify staff with a large number of correcting journal entries.
- Summarize by expenditure type and compare to employee names to ensure that employees aren't receiving both payroll and consultant payments.
- Summarize petty cash transactions by expenditure code to identify trends and potential abuses.
- Summarize transaction file by specific account ranges and compare to financial statement detail.
- Conduct capitalization analysis on fixed assets.
- Highlight postings to infrequently used accounts.

Customer ROI:

94% of customers report that using data analytics has improved the value their team delivers to stakeholders.

81% of customers say using analytics has improved how their department is perceived by senior management.

96% of customers say the ability to test entire data populations vs. sampling is critical.

Budget management

- Review allocation to budget requests.
- Monitor expenditures for eligibility and compliance to appropriations.
- Extract and report on capital projects in defined classifications.
- Identify unfinanced or unexpended capital projects.
- Monitor expenditures with respect to budget allowance.
- Provide totals, averages, and trends for program spending.

Social services

- Examine demographics, including age, sex, ethnicity, primary reason for placement, type of care provided, placement changes, etc.
- Examine time frames for services provision, government involvement, time in foster or shelter care, and timeliness of reviews and hearings.
- Determine cross-jurisdictional recipients of government benefits.
- Report ineligible recipients of government programs.
- Examine timeliness of health, dental, and mental health assessments.
- Identify children being counted in custody who shouldn't be included (e.g., over the statutory allowed age or adopted with no subsidy).
- Profile file review results by type, office, region, and case category, with descriptions of levels of compliance within requirement areas.
- Profile health exams by office, caseworker, type of examination, and past-due examinations.
- Profile referrals by type, severity, office, and case disposition.

Grant management

- Examine records to determine compliance with state/federal regulations for maintenance of government vehicles or equipment.
- Extract transactions (purchases and sales) of assets funded by federal grants to ensure compliance with grant requirements.
- Extract transactions by funding code, fiscal year, and obligation control level, and compare to encumbrances.
- Extract and review expense eligibility for federal grant compliance.
- Match record information from multiple sources to identify variances in legislative compliance.
- Track grant revenues to determine whether the service requirements will be met.

Health services

- Analyze billing trends over time to better detect fraudulent billing.
- Calculate the period from receipt of claim to adjudication and compare actual cycle time with contractually required cycle time.
- Check for duplicate payments to claimants and providers.
- Compare claim dates to employee service dates to ensure claims are not paid for terminated, deceased, or retired employees.
- Identify providers with high-value check amounts on a weekly basis.
- Identify services most commonly billed and amount paid.
- Sample on high-dollar health claims.
- Summarize claims by medical codes to determine if claims without coverage were incorrectly paid.
- Analyze multiple claims paid to the same address with different claim numbers.

Purchasing management

- Extract and analyze purchases of specialty items to ensure buying practices are economical and prudent.
- Compare total vendor purchases to amount of approved contract.
- Extract contractor payments and trace contractor expenses to determine whether the expense was valid and properly supported.
- Analyze products purchased to identify potential waste and mismanagement.
- Extract POs below amounts requiring compliance with sealed bids.
- Match vendor information to employee information to ensure compliance with vendor restrictions.
- Sort contracts database by contract or cost types to test compliance with government contract terms.
- Track and verify disadvantaged business enterprises when bids are submitted for various government projects.

Tax compliance

- Analyze completed audits to determine dollars recovered by auditor, geographic location, industry code, or in-state vs. out-of-state.
- Analyze expense accounts for non-exempt transactions.
- Analyze sales tax permit holders by geographic location, yearly revenue, etc., for tax purposes for out-of-state audit selection.
- Calculate sales tax rebates resulting from business closures.
- Extract exempt sales based on large-sales transactions data.
- Identify tax-exempt sales to confirm propriety.
- Reconcile general ledger sales to financial statements and tax returns.