





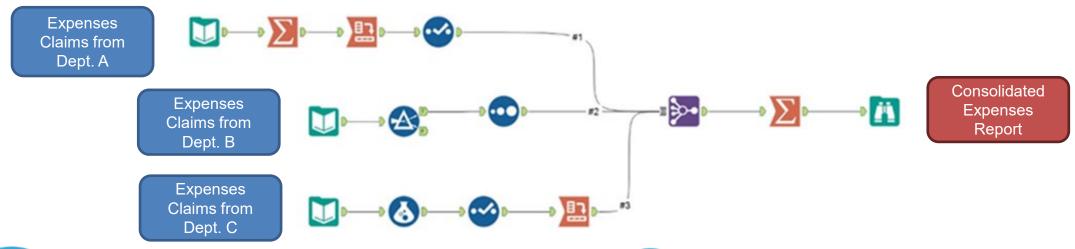
LATE NIGHTS. LONG HOURS.

Due to many analytic inefficiencies, employees are stuck in spreadsheet hell trying to analyze their data — instead of using their time wisely to affect changes based on what the data reveals.





Alteryx Workflow Approach is Superior





Consistent

Preparation, analytics and reporting in the same workflow



Transparent & Self-Documenting

See data flow through the process, and the actions performed at every step



Flexible

Supports more than just structured data that fits nicely into rows and columns

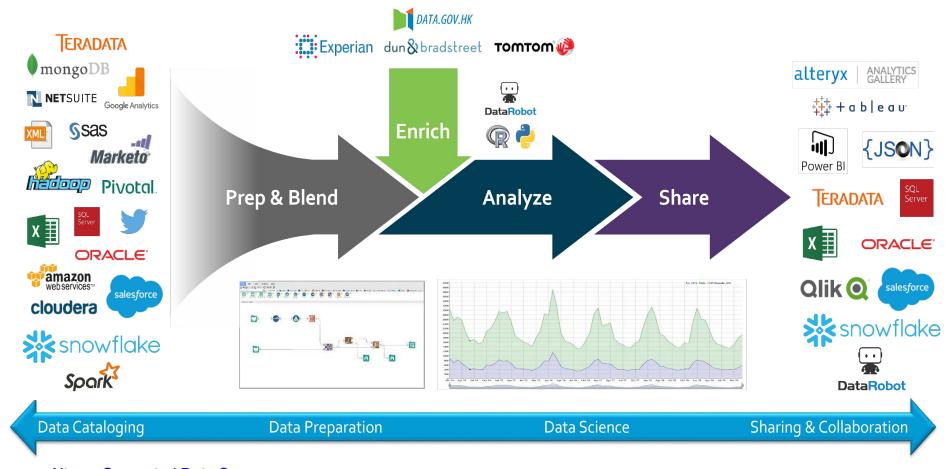


Repeatable

Re-run (manually or automatically) whenever you need updated results

Alteryx: Analytic Process Automation (APA) Platform For Citizen Data Scientist





Alteryx Supported Data Sources



Workflow-based Approach is Superior



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Preparation, analytics and reporting in the same workflow



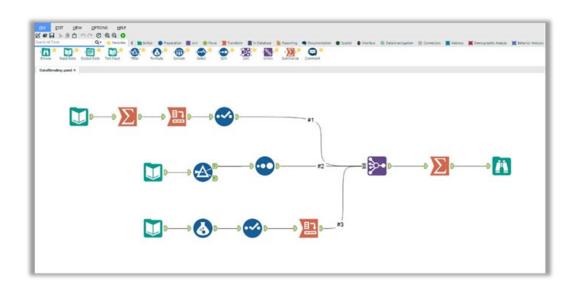
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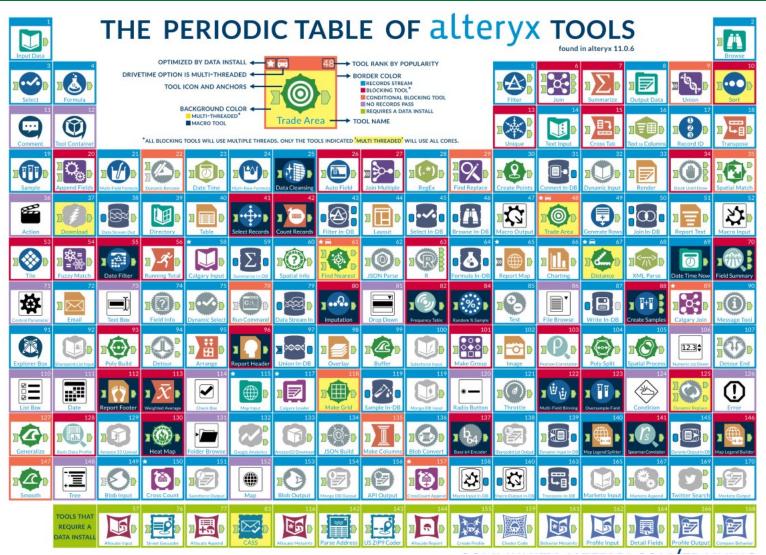


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Re-run (manually or automatically) whenever you need updated results



Over 250+ Tools





Collections of Advanced Analytics Tools

THE PREDICTIVE TOOLS OF alteryx

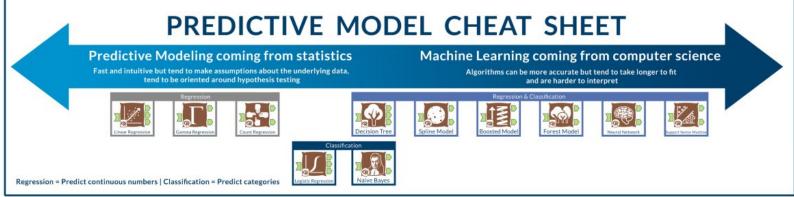
found in the alteryx 11.0.6 predictive install





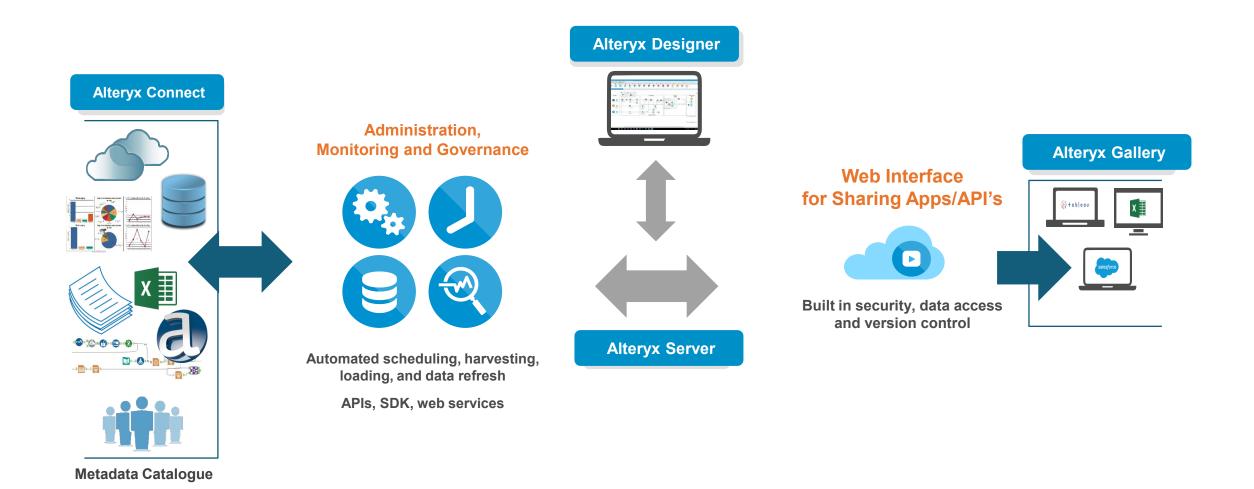


THE PREDICTIVE TOOLS ARE MACROS.
TOOLS DISPLAYING A BLUE BACKGROUND
HAVE AN HTML FRONT END.





The Alteryx Platform







Use Cases



ETL Use Case: Regional Finance Dashboard



Global Insurance Company

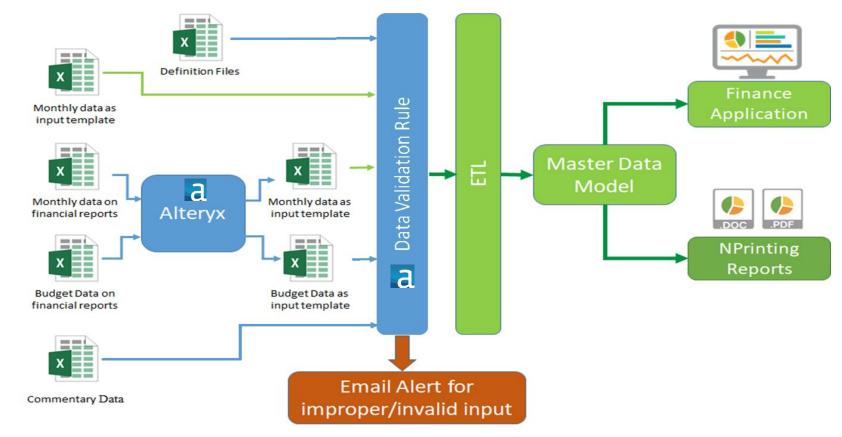
Department: Finance

Business Problem:

Require at least 2 weeks to prepare the reports for management from extraction, validation, and visualization

Benefits:

- ✓ Time saved: days vs weeks
- Reduced risk: manual eyeball checking vs automated validation rules and processes
- ✓ Improved sales opportunities









Property
Management
Service
Company

Department: Finance

Business Problem: Repetitive data transformation applied to individual Bank Accounts with varies business rules based on account type.

Benefits:

- Reduce Error by Automating the process for reconciliation for large amount of records across multiple bank accounts
- √ Flexible to adopt new business rules
- ✓ Alert user with exception through email
- ✓ Provide transparency to business users

ngest Dat

- Autopay

 Transaction
 from
 Accounting
 System
- Bank
 Transaction
- Analytic-ready format • Filling up Empty

Transform

Report-like

format into

• Skipping total and sub-total rows

Summarize Da

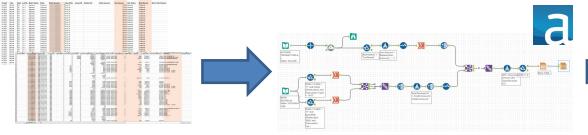
- User-definable
 Rules
 Based on Bank
- Account,
 Transaction
 Type,
- Debit/Credit,
 Particular, etc.

ciliation

- Joining with Bank Account
- AmountComparison

Report and Em

- Generate result as table / attachment
- Email to users





Bank Account	Sum_Gen Amount (A)	Total Received (C)	Diff
	693640	667550	26090
	588200	572410	15790
	131404	122724	8680
	766707	729984	36723
	368218	362400	5818
	704480	694154	10326
	466589	446524	20065
	2184781	2119904	64877
	469712	457233	12479
	150234	145564	4670
	767901	754924	12977
	121082	120399	683
	145360	134320	11040



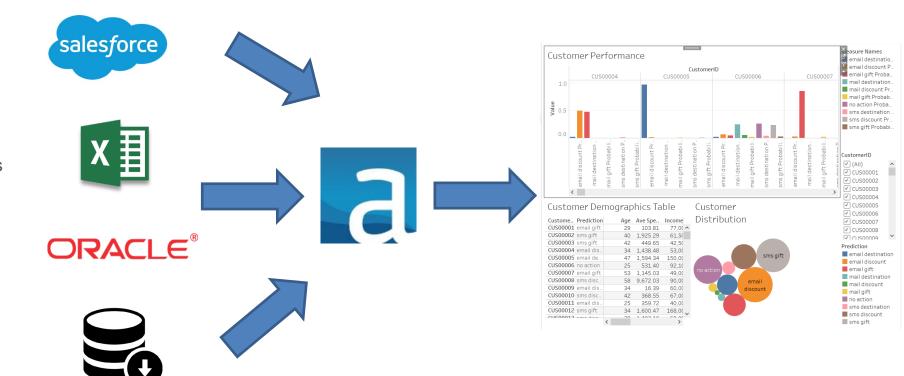
Department: Sales

Business Problem:

- Increasing number of data sources:
 Salesforce, Excel, Oracle etc.
- Data sizes are huge for Excel to handle
- Varying data formats per region
- Even with visualization tool, the marketing dashboard still needs 5 hours to generate

Benefits:

- ✓ Efficiency Gains and Big Time Savings:1 Day vs 30 mins
- More Effective Communications: Better documentation and collaboration between departments





ETL Use Case: Form Analysis (Semi-structured to Structured)



Telecommunication Company

@Reply @Reply All @Forward *©M

Department: Human

Resources

Business Problem: Time consuming to extract claim form detail for analysis

Benefits:

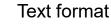
- ✓ Streamline the whole process in one single run: Read and validate all PDF files in a folder and prepare data for dashboard
- ✓ Efficiency improved 80%



Insurance Claim Form PDF

Step 1





Step 2





Staff No.	Name of Insured	Hospital	Admission Date	Discharge Date
AC013	Justin Lee	SAC Hospital	2017-09-03	2017-09-10
IT085	Natalie Cheung	St. Mary's Hospital	2017-09-15	2017-09-21

Step 3



Generate Emails for validation result and Data for visualization



Qlik Q°

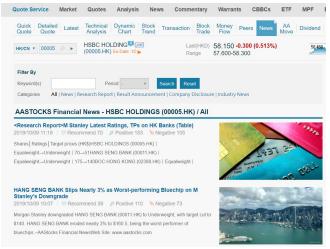


Web Scraping Case: Generate Stock Insider News for Clients

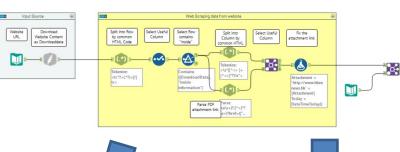
Department: Brokerage

Business Problem: Need to spend at least an hour for manually grabbing day-end prices and stock news from website daily

Benefits: Only need to press Run daily now and automated reports can be generated within 5 minutes











< Research Report > M Stanley Latest Ratings, T... 2019/10/09 11:19 HANG SENG BANK Slips Nearly 3% as Worst-p... 2019/10/09 10:07 < Research Report > M Stanley Cuts TPs on HK... 2019/10/09 10:05 55.30 58.10 2019/10/09 10:02 58.10 TENCENT Reportedly Splashes US\$500M in Hill... 2019/10/09 12:53 319.40 251,40 319.40 319.20

Shares|Ratings|Target prices (HK\$)HSBC HOLDINGS (00005.HK)|Equalweight→Underweight|

70→51HANG SENG BANK (00011.HK)|Equalweight→Underweight|175→140BOC HONG KONG Ask:58.10 Bid:58.05 Day High:58.30 Day Low:57.60

Market Cap.:1,203.36B Volume:22.68M Turnover:1.32B P/E:11.71

Morgan Stanley downgraded HANG SENG BANK (00011.HK) to Underweight, with target cut to \$140, HANG SENG BANK groded nearly 3% to \$160.5, being the worst performer of bluechips.~

AAStocks Financial NewsWeb Site: www.aastocks.com Ask:58.10 Bid:58.05 Day High:58.30 Day Low:57.60

Market Cap.:1.203.36B Volume:22.68M Turnover:1.32B P/E:11.71

Research Report>M Stanley Cuts TPs on HK Banks; Downgrades HSBC, HSB to Underwei

Morgan Stanley did not expect large banks to maintain their average ROCET1 level at over 20% under a low interest rate environment, economic growth slowdown and market competition. The outlook for Hong Kong's banking industry was downgraded to Cautio Ask:58.10 Bid:58.05 Day High:58.30 Day Low:57.60 Market Cap.:1,203.36B Volume:22.68M Turnover:1.32B P/E:11.71



Advanced Analytics
Case: Forecast on No. of
Passengers

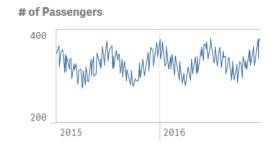


Airline Holding Company

Department: Strategic Planning

Business Problem: Improve the allocation of resources

Benefits: Business users can now do forecasting and prediction code-free without lots of help from other teams



Gather historical data



Run multiple predictive models and compare the results with actual data





Choose the best model and make future predictions

















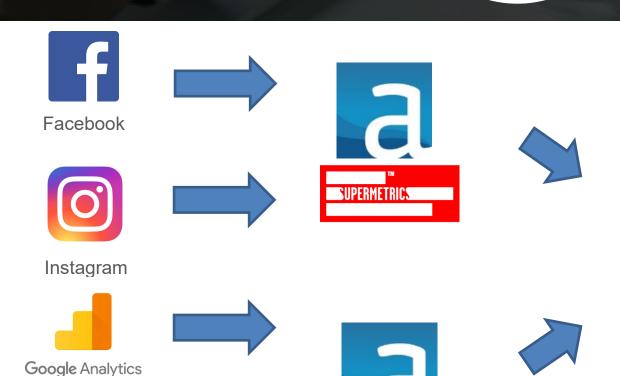
Department: Marketing & Digital

Business Problem:

- Social media data are only captured in Google Sheets through Supermetrics
- · Difficult to blend with their other data

Benefits:

- ✓ All social media data are consolidated in SQL through Supermetrics API
- Developing a marketing dashboard with internal and social media data





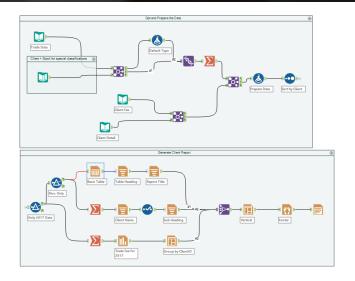
Department: Customer Support

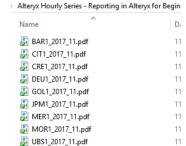
Business Problem:

Streamline the manual process of sending monthly report to client

Benefits:

- ✓ Time saved over 90%
- ✓ Emails can be sent automatically to client with encryption









For each client, a PDF with encryption is sent with the following sample layout

Monthly Client Trade Report Barclays Capital Inc.

		Total Tu	de Esse for New 20	17 :- ¢E16 202				
Total Trade Fees for Nov, 2017 is \$516,20 Monthly Trading Volume and Fees								
Date	No. of Trade	Trade Volume	Trade Value	Trade Fee				
2017-11-01	4	207,523	9,260,777	37.043				
2017-11-02	1	24,721	847,270	3,389				
2017-11-03	1	77,225	4,965,614	12,414				
2017-11-03	2	159,524	11,398,707	45,595				
2017-11-04	5	400,036	28,713,041	114,852				
2017-11-05	7	494,070	33,420,852	133,683				
2017-11-09	4	313,875	14,297,407	57,190				
2017-11-10	1	86,970	10,635,474	42,542				
2017-11-11	4	230,498	9,960,326	39,841				
2017-11-12	2	159.706	7.413.336	29.653				

Current Year-to-Date Trading Fees



Thank You

https://www.vebuso.com/contact-us/

