

Data Lake for Asset Transfer Analytics in a leading Financial Firm

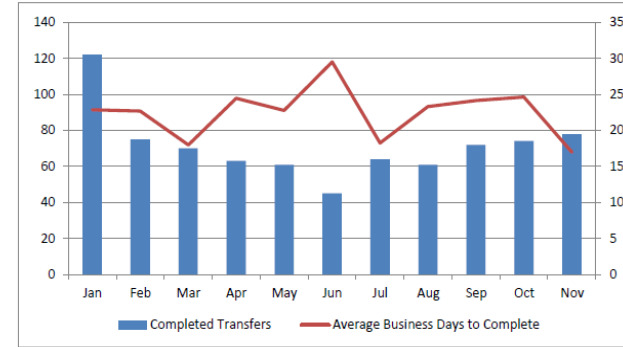
Large wealth management firm of USA

THE CLIENT PROBLEM STATEMENT

- Client's MI is based on Excel pivot charts using extracts from the Free Track platform. Process is largely manual and open to errors while the MI produced is basic. Recently, the volume of data has grown significantly – 800+ new Excel files every month with average size of 280 MBs. Analysts were able to work only with sample data – one file at a time..
- Client wanted to implement a highly scalable solution without compromising the ease of use. A solution which can cater to not only current BI requirements but future needs as well.

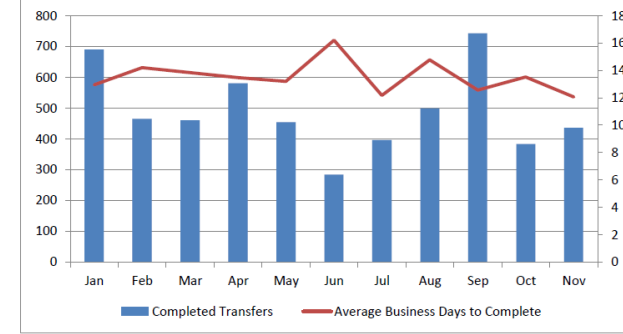
Completed Account Transfer Volumes by Month (No REMAT/DEMAT)

Month	Completed Transfers	Average Business Days to Complete	
		Start	Complete
Jan	122	23	23
Feb	75	23	23
Mar	70	18	18
Apr	63	24	24
May	61	23	23
Jun	45	30	30
Jul	64	18	18
Aug	61	23	23
Sep	72	24	24
Oct	74	25	25
Nov	78	17	17
Grand Total	785	22	22



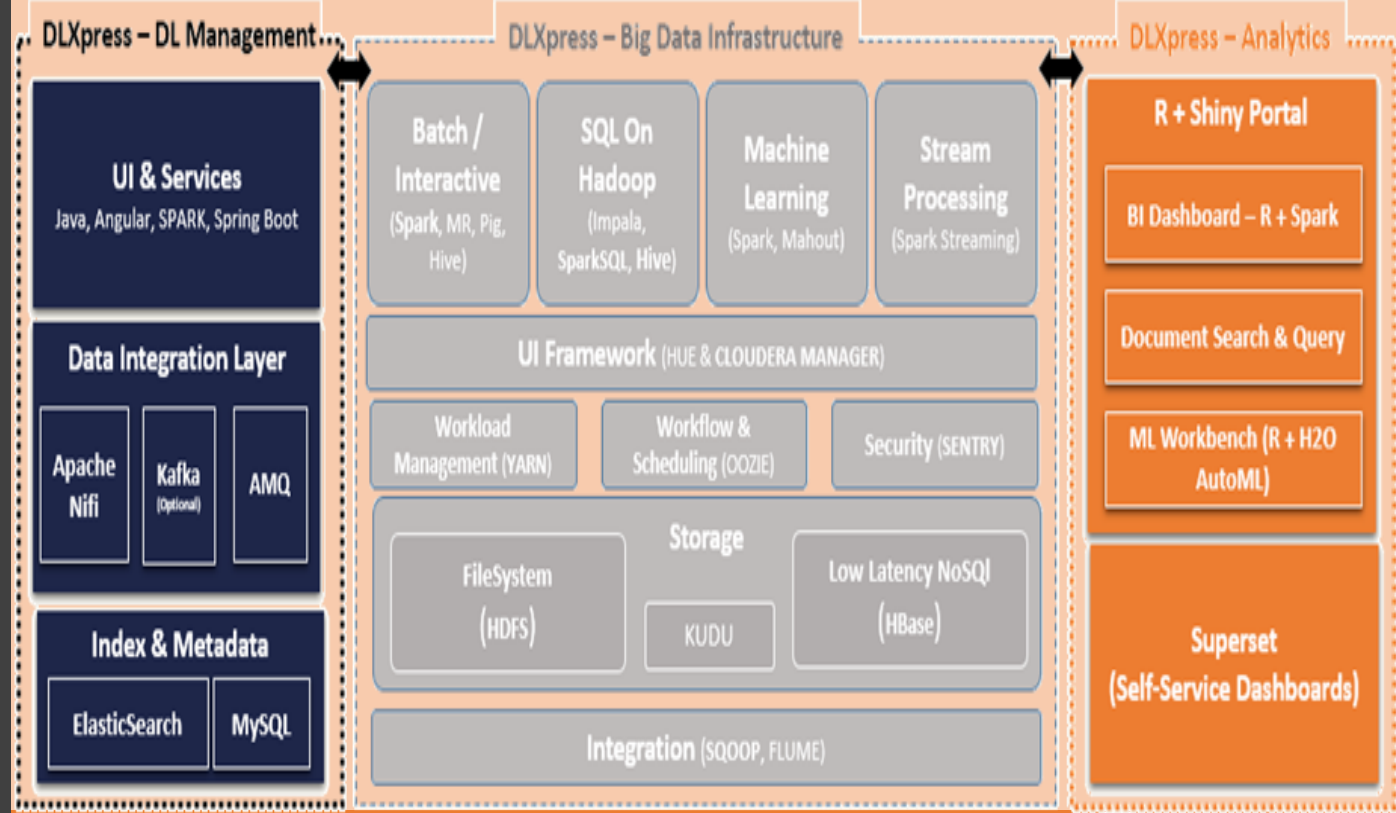
Completed Asset Transfer Volumes by Month (No REMAT/DEMAT)

Month	Completed Transfers	Average Business Days to Complete	
		Start	Complete
Jan	691	13	13
Feb	466	14	14
Mar	461	14	14
Apr	581	13	13
May	455	13	13
Jun	284	16	16
Jul	397	12	12
Aug	499	15	15
Sep	743	13	13
Oct	384	14	14
Nov	436	12	12
Grand Total	5397	13	13



SOLUTION

- NIIT had setup a Data Lake on Azure Cloud environment
- Data Ingestion, Storage & transformations of CSV files were done using Self-Service UI.
- Restructured the CSV (flatten, filter, aggregate etc.) and made them consumable for BI/Analytics.
- Developed supporting BI Use (dashboards) case to establish the Data Lake value for business.
- Demonstrated Engineering capabilities along with the Use Cases
- Data Lake was setup using DLXpress
- Asset Transfer CSV file were made available for analysis through BI Tools and implemented defined BI dashboards on the data



BUSINESS OUTCOME



- Enabled users to analyze all the data at scale (and not on small sample datasets).
- Self-Service UI with powerful data governance capabilities to ingest and manage numerous datasets.
- Moved from Excel based reporting to PowerBI

