

## Case study

# Transforming unstructured ABS data into a strategic edge for a global investment bank

### Background



A leading global investment bank sought to strengthen its position in the automotive asset-backed securities (ABS) market.

### Challenge



A fragmented data landscape with massive, unstructured datasets across platforms presented a major obstacle. Legacy workflows created material operational risks, demanded extensive quality control, and introduced inefficiencies that compromised both the quality and timeliness of market insights.

### Our solution



We designed and operationalized a high-volume, automated XML data pipeline that fundamentally transformed auto ABS data processing:

- **End-to-end automation:** Configured and validated automated workflows to seamlessly process large, unstructured SEC XML files
- **Zero deal misses:** Implemented early trigger runs with scheduled, timely ingestion to ensure comprehensive market coverage
- **Robust data quality:** Deployed multi-layer validation and intelligent cleansing protocols to standardize complex datasets, remove inconsistencies and ensure data integrity
- **Scalable architecture:** Built and maintained a large-scale auto ABS database enabling rapid, sophisticated analytics

### Impact



A centralized, intuitive auto ABS database, with unmatched market depth, significantly reduced operational risk

Scalable, monthly reports transformed into a high-demand, high-engagement product with a 20% increase in readership

Automation of 70% of manual efforts and saving of ~170 hours annually translated into a 75% reduction in turnaround time for recurring reports and unlocked significant analyst capacity

100% deal capture with near-perfect data accuracy

The competitive edge gained from scale and accessibility helped secure a top ranking in an Extel survey

Reliable, actionable insights drove high-volume trading and strategic decision-making

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