

## Case study:

# Broker Loan Origination Data Ingestion For NextGen System



## The Opportunity

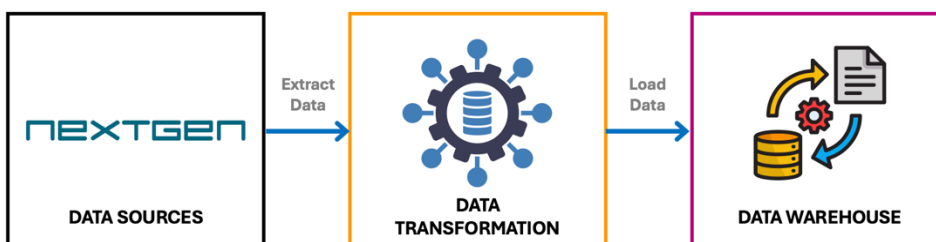
BankVic faced challenges in efficiently ingesting and transforming Broker loan origination data from the NextGen Apply Online System. The opportunity was to streamline this process to improve reporting, compliance, and data accessibility.

4impact designed and implemented a solution to ingest Broker loan origination data from BankVic's NextGen Apply Online system into the Bank's data warehouse. The project included creating an automated data load process, transforming data, and ensuring accurate, repeatable ingestion with logging and reconciliation for reporting and compliance.

## 4impact's Approach

4impact developed a streamlined data ingestion process for Broker loan origination data from NextGen. This included automated workflows for data extraction, transformation, and loading (ETL) into the data warehouse, ensuring accuracy, repeatability, and scalability. Logging, monitoring, and reconciliation features were implemented to support compliance and traceability.

### Extract Transform Load



## Key Services utilised

- Data Ingestion
- Data Transformation
- Automated Data Load
- Monitoring and logging

## Key Toolkit

- SQL Server
- SSIS
- SQL Server management studio (SSMS)
- Microsoft Office Suite



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## Key Outcomes and deliverables:

The project streamlined Broker loan data ingestion and transformation, improving data accessibility, reporting, and compliance for BankVic. It automated workflows, enhanced data accuracy, and enabled scalability for future growth—ensuring more efficient decision-making and reduced manual processing.

- **Automated Data Ingestion Process:** Successfully ingested Broker loan origination data from the NextGen Apply Online system into the data warehouse.
- **Scheduled Delta Loads:** Implemented automated and repeatable delta data load processes, including validations and duplicate file checks.
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- **Data Transformation:** Transformed raw data structures for seamless integration into the data warehouse.
- **Implemented logging, auditing, and reconciliation features** for process tracking and compliance.
- **Documentation and Training:** Delivered clear documentation on the data ingestion process and training for the Bank's team to maintain and monitor the solution.

## Key project statistics and success insights.



### OPTIMISED

**STREAMLINED DATA  
INGESTION AND  
TRANSFORMATION**



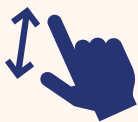
### ENABLED

**IMPROVED DATA  
ACCESSIBILITY, REPORTING,  
AND COMPLIANCE**



### ENHANCED

**AUTOMATED WORKFLOWS  
AND ENHANCED DATA  
ACCURACY**



### SCALE-READY

**PROVIDED SCALABILITY  
FOR FUTURE GROWTH**

**nextgen**

### The 4impact Advantage.

4impact is a consulting and technology services business with a primary focus on the delivery and implementation of complex technology projects. We value relationships - with our consultants, with our clients, and with our suppliers and partners.

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