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Fully Automated ETL Using Azure

Markel study case on how to empower Data Scientists







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The Cornerstones



Flexible ETL Framework

A flexible framework allows creating and customising tables quickly, enabling data scientists to manipulate and utilise data from multiple sources according to their unique requirements.

Reliable Data

Garbage in, garbage out. The quality of models directly depends on the quality of data. An effective ETL process ensures data is cleaned and validated, with all the "trash" in quarantine.



Robust ETL Framework

A robust ETL framework is vital for maintaining uninterrupted, consistent data operations. Supported by automated tests, it mitigates disruptions, prevents unnoticed data quarantine, and safeguards against inaccuracies from transformation changes, thereby ensuring data integrity and reliability.

Markel Solution Overview



MINES - MINt Etl Solution

Markel | Lenotis | Fully automated ETL Using Azure



Voices from Markel: User Testimonials

"The data pipelining, ETL and data lake project has provided the business with a robust, reliable source of data, drastically reduced the number of queries about data accuracy and has hugely increased confidence in our MI. The quality of our discussions has significantly increased, with vastly more time now spent on generating insights and analysis rather than questioning the reliability and quality of our data".

Kevin O'Donovan | Director of NM Data & Analytics

"Canada's participation in Data Lake Project with the implementation of ETL and Quarantine layers have enabled our team to quickly advance and develop Dashboards and Reports to our Business Teams. This toolkit is helping our local Data Analytics team be more efficient in delivering a grater business value to MI Products, as well as , increasing confidence in the data accuracy of our MI Dashboards.".

Adriao, Carlos | Data Analytics Product Owner Operations - Canada

"Data lakes provide a centralized and scalable repository for storing vast amounts of raw, conformed, unstructured, and semi-structured data. This consistent format enables me to work with reliable, and integrated data for analysis and modelling purposes".

Halliwell, Chris | Sr. Data Scientist

Markel | Fully automated ETL Using Azure | Developed by Lenotis

Connect with Us

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