Tiger Analytics helped a top American insurance provider

centralize data management and get actionable insights by leveraging Power BI

Tiger Analytics delivered Power BI dashboards for analysis and insights. The solution consolidated 13 VDS data from on-premises source systems to increase the efficiency of key processes like claims. It also equipped users to access specific detail views and track discrepancies based on business-critical comparisons.
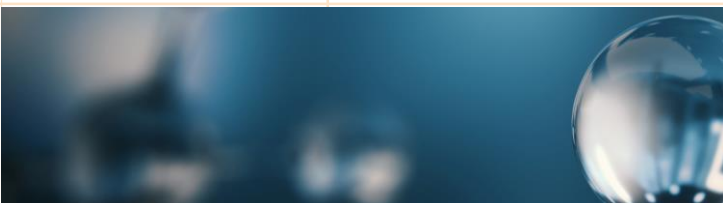
The Background

Our client is a multinational Specialty Risk Insurance provider based in the US. Their data sources existed on-premises, without an integrated view for business to derive insights at the enterprise level. Hence, they wanted to harmonize data sources and create an integrated view across lines of business to derive actionable insights.

Key Challanges

\ Integration hurdles with two decades of data:
Integrating all the VDS reports was impossible. There were 20 years of information availability in various datasets and across multiple workspaces.

\ Complexity of report generation:
Due to the nature of the business, it was required to produce dynamic reports with different formats quickly, which added to the complexity.
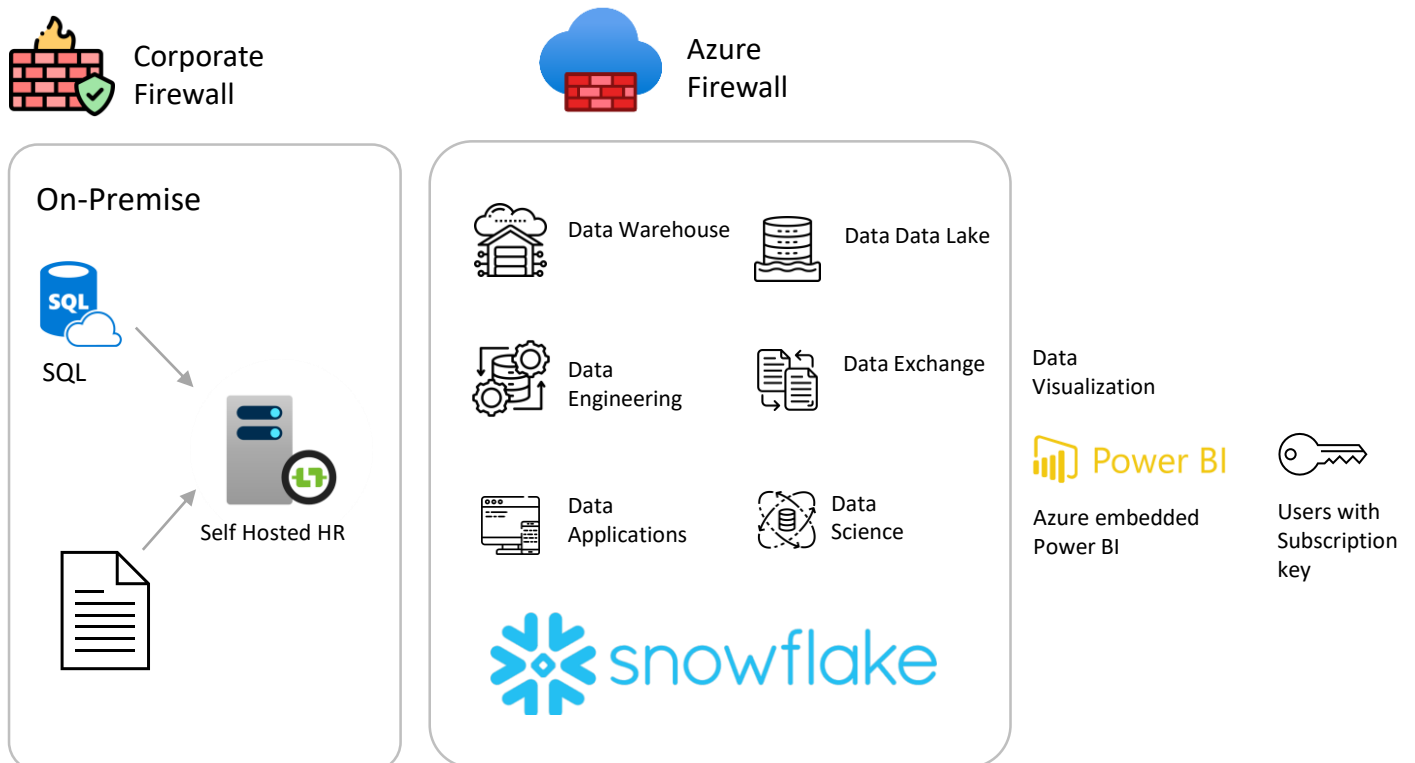
Our Solution

In the initial phase, Tiger Analytics embarked on the task of designing and remodeling the pre-existing dataset. The primary goal was to consolidate all the disparate VDS reports into one cohesive, centralized dataset.

The next phase was the development of Power BI dashboards, engineered to showcase both summarized and transaction-level details. These dashboards allowed users to compare the mean and median of the last seven quarters against the current quarter based on user-selected quarters

Essential KPIs, such as Gross Incurred, Closing ratio, Claims Entered, Claims Closed, Average Age, and Average Paid, were readily accessible. Moreover, users could view the top claims based on various parameters like Claim Number, TPA Code, BU Hierarchy, etc.

The solution also offered drill-down capabilities for users to access specific detail views. This flexibility helped track discrepancies in amounts and percentages when contrasting the current period with prior periods. Such comparisons were made available monthly, quarterly, and year-to-date.

Solution Architecture

Corporate Firewall

Azure Firewall

On-Premise

SQL

Self Hosted HR

Data Warehouse

Data Data Lake

Data Engineering

Data Exchange

Data Visualization

Data Applications

Data Science

Power BI

Azure embedded Power BI

Users with Subscription key

snowflake

Tech Stack

/ **Azure**   / **Power BI**   / **Snowflake**

Value Delivered

/ A consolidated dashboard provided the ability to monitor all claims activities.

/ Based on Power BI, monthly production reports provided insights into key business segments, divisions, sub-divisions, etc.

About Us

Tiger Analytics is a global leader in AI and analytics, helping Fortune 1000 companies solve their toughest challenges. We offer full-stack AI and analytics services & solutions to help businesses achieve real outcomes and value at scale. We are on a mission to push the boundaries of what AI and analytics can do to help enterprises navigate uncertainty and move forward decisively. Our purpose is to *provide certainty to shape a better tomorrow.*

Being a recipient of multiple industry awards and recognitions, we have 4000+ technologists and consultants, working from multiple cities in 5 continents.
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