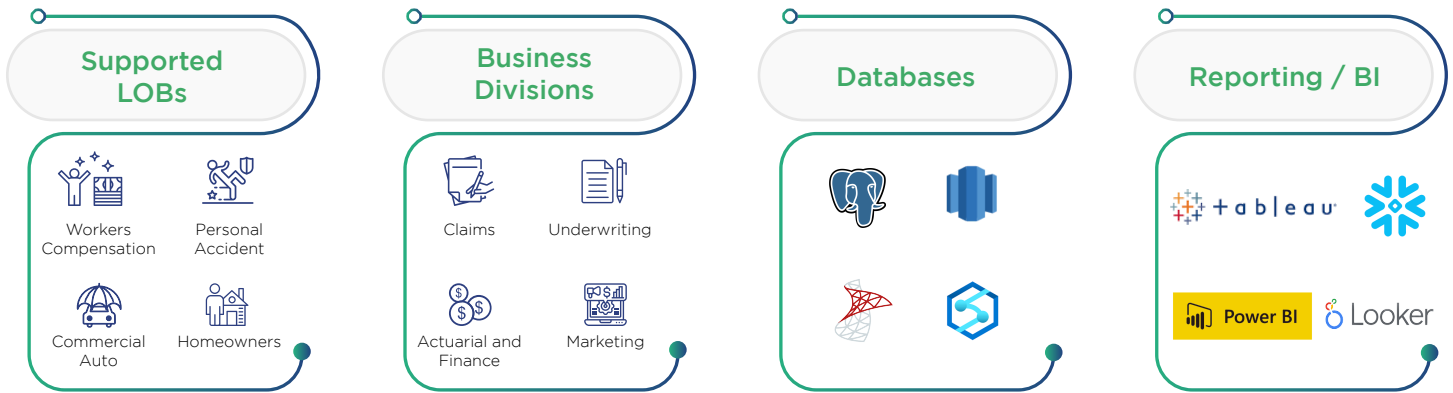# Q Data Platform

quantiphi
Solving What Matters

The inaccuracy and complexity of data make it difficult for insurers to use it for decision-making. Quantiphi's Data Platform provides insurers with out-of-the-box reporting and predictive analytics capabilities along with a roadmap to deploy existing enterprise data warehouse into the target state IDM (expand) model and cloud migration strategy.

Supported LOBs

Workers Compensation

Personal Accident

Commercial Auto

Homeowners

Business Divisions

Claims

Underwriting

Actuarial and Finance

Marketing

Databases

Reporting / BI

tableau

Power BI

Looker

Snowflake helps to create a single repository of data that is ingested from multiple sources in various formats. This data can be used, preprocessed and analyzed as per user requirements

Key Features of Quantiphi's Data Platform

Business Outline
- Key business operations information allowing detectable rundowns between business and IT assets.
- Developing solutions driven by business requirements.

Dimensional Warehouse Model
- Data design support for transforming enterprise-level business requirements into business-specific dimensional data repository design.

IFRS
- Representing IFRS 17 standards in business-glossary for easier understanding of requirements.
- Glossary of terms mapped to data models representing data structures supporting the information warehouse use cases.

Data Models
- Logical entity-relationship model of essential entities and relationships of insurance
- Business data model having thousands of business definitions and providing an enterprise-wide view of data.

Supportive Content
- Providing method to map external and internal terms (business standards, requirements & terms)

Quantiphi's Data Platform Can Help You With

Reduced Costs and Project Risk

Regulatory Compliance Support

Self Service

Data Consolidation

Report Rationalisation

Operational Monitoring

Rapid Implementation

Actionable Insights

Interactive Dashboards

Cloud Data Warehouse

Problem Context

The client, one of the largest providers of supple-mental insurance in the US, wanted a framework for consolidated views of claims across individuals and group businesses.

Challenges

- Prioritizing impactful KPIs out of all the available KPIs
- Timely access to accounts and databases
- Getting requirements for future development is a challenge as complete business information is not yet defined

Solution

Quantiphi developed a consolidated data mart for claims operations attributes and metrics for analytics users with refined KPIs that represent the state of claims operations across all lines of business at various levels of consumption. The ensured visibility across key service areas in both individual and group businesses facilitated data-driven decision-making for the claims business group.

Impact

8.3k+
tables ingested from 90+ data sources

3.5k+
data pipelines and ~3.4k avg number of ETL jobs per day

600
workflows and 4 major enterprise workloads supported by the platform

Data Warehouse and BI Modernization on Cloud

Problem Context

The customer, one of the largest commercial insurers in the United States, wanted to build dashboards to help them visualized and make better decisions by developing KPIs on the basis of users in order to improve client experience

Challenges

- Use of different data ingestion and ETL techniques for streaming historical data
- Due to GDPR and compliance issues data lake had to be built in Ireland region
- The business had around 1600 tables and a large number of attributes to work with for reporting
- Absence of a proper data dictionary and data lineage tracking feature

Solution

Quantiphi developed a consolidated and unified data warehouse to capture and rationalise disparate insurance data into a single enterprise-wide perspective.

- Built the data warehouse cloud technology
- Creation of reports on the basis of domains like claims, policy, sales, etc to have all related data and KPIs

Impact

~90%
reduction in reporting time

20+
reports automated

Single source of truth for all business reporting requirements

Awards and Accolades

INSURTECH100
2X
Now one of the world's most innovative InsurTech Companies

Partner of the Year
2017 | 2018 | 2019
Named as Machine Learning and Social Impact Partner of the Year Award

aws
Recognised as Rising Star of the year 2021

FORRESTER
Named a leader in the Forrester New Wave™: Computer Vision Consultancies, Q4 2020

IDC Innovator
Quantiphi recognised as an IDC Innovator in AI services

Everest Group®
Rated as Leading Major Contender in the 'Advanced Analytics and AI Speacialist PEAK Matrix'

Quantiphi is an award-winning AI-first digital engineering company driven by the desire to reimagine and realise transformational opportunities at the heart of business.
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appliedai@quantiphi.com