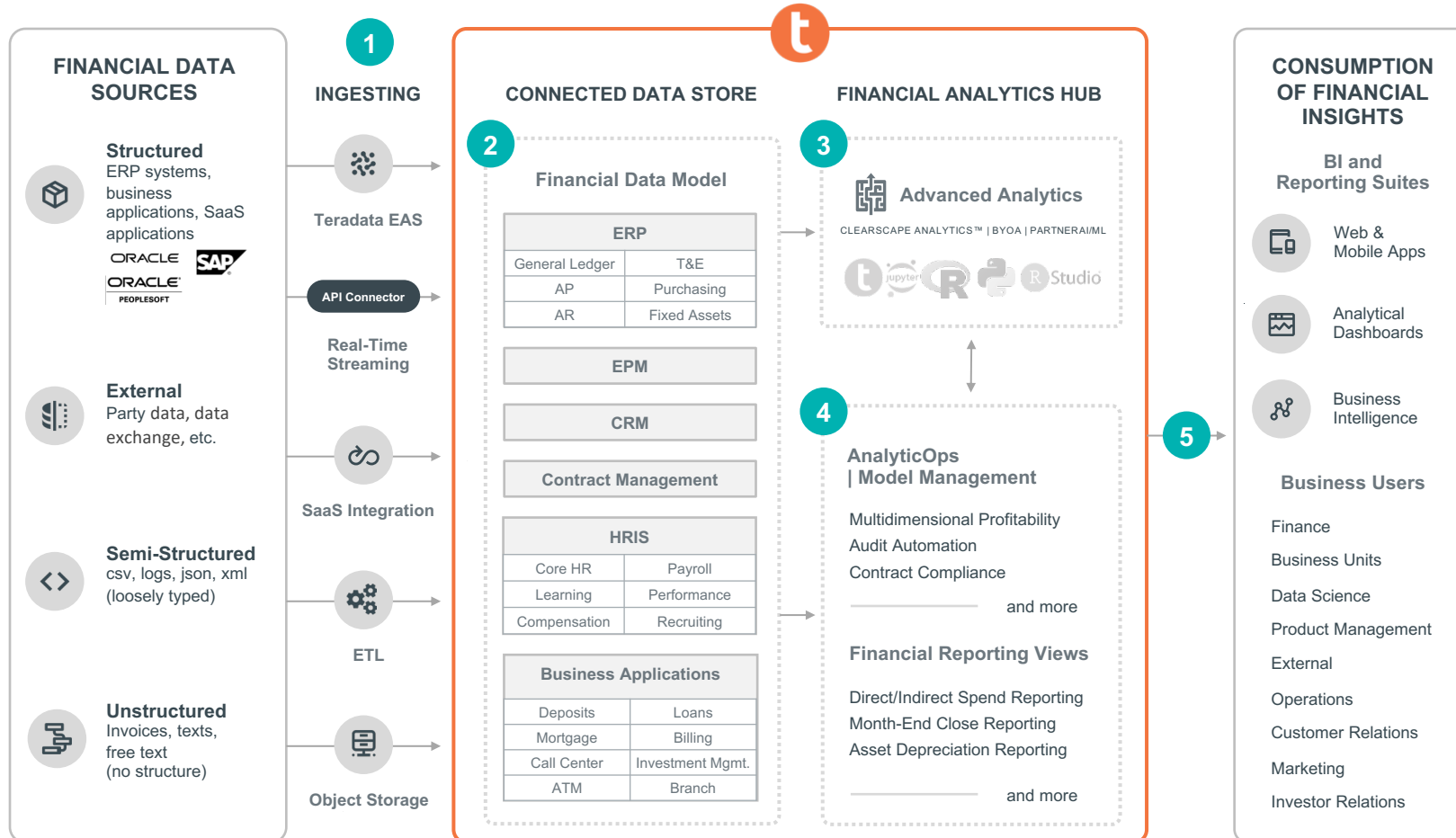# Financial Visibility

This overview shows how to create a financial data foundation that reconciles data from a variety of sources. Teradata VantageCloud enables enterprises to automate and post timely month-end results, shorten transactional data reconciliation cycles, and streamline end-to-end front-office/back-office accounting data at various levels, covering all lines of business.

FINANCIAL DATA SOURCES

Structured
ERP systems, business applications, SaaS applications

ORACLE
ORACLE PEOPLESOFT
SAP

External
Party data, data exchange, etc.

Semi-Structured
csv, logs, json, xml (loosely typed)

Unstructured
Invoices, texts, free text (no structure)

INGESTING

Teradata EAS

API Connector

Real-Time Streaming

SaaS Integration

ETL

Object Storage

CONNECTED DATA STORE

Financial Data Model

ERP

General Ledger	T&E
AP	Purchasing
AR	Fixed Assets

EPM

CRM

Contract Management

HRIS

Core HR	Payroll
Learning	Performance
Compensation	Recruiting

Business Applications

Deposits	Loans
Mortgage	Billing
Call Center	Investment Mgmt.
ATM	Branch

FINANCIAL ANALYTICS HUB

Advanced Analytics

CLEARSCAPE ANALYTICS™ | BYOA | PARTNERAI/ML

jupyter | R | RStudio

AnalyticOps | Model Management

Multidimensional Profitability
Audit Automation
Contract Compliance

_____ and more

Financial Reporting Views

Direct/Indirect Spend Reporting
Month-End Close Reporting
Asset Depreciation Reporting

_____ and more

CONSUMPTION OF FINANCIAL INSIGHTS

BI and Reporting Suites

Web & Mobile Apps

Analytical Dashboards

Business Intelligence

Business Users

Finance
Business Units
Data Science
Product Management
External
Operations
Customer Relations
Marketing
Investor Relations

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1 **Ingest** data quickly across finance-structured systems and applications, third-party providers, and semi-structured and unstructured formats in near real time with **VantageCloud** and our **pre-built connectors** and **accelerators**.

2 **Leverage** a pre-built financial data model that's ready to **receive and structure data** to enable controlled, user-friendly access with a holistic 360° view of the enterprise.

3 **Enable** data analysts, data scientists, and AI developers to build **advanced analytic** models at scale on large volumes of data using **ClearScape Analytics™** and third-party analytic tools and languages.

4 **Execute and manage** models with an **AnalyticOps** framework. Define financial reporting views that consumers can use.

5 **Reconcile** data from a wide variety of sources into a trusted, compliant platform that's accessible to **business users** across the organization through a suite of **BI and reporting** systems.

Reviewed for technical accuracy June 2023