TESSER
INSIGHTS

DATA ANALYTICS SERVICES

Atlanta, GA | Portland, OR
Chennai, India | Bangalore, India

Microsoft Partner | Silver Data Analytics

What do we offer?

1. An end-to-end modern analytics ecosystem that you can readily move into, built on Microsoft Azure.

2. A Self-service data and insights application that brings together multiple capabilities in one place allowing Business and IT to collaborate

3. TAI – Tesser Actionable Insights – a feature that automatically analyses and profiles the data during ingestion. This feature looks for data associations, anomalies in the data and also predicts outcomes instantly.

4. API Workbench – The key to delivering insights is to deliver it at the point of action and we enable this by providing API access to analytical data sets, delivering data as a service.

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Analytics Challenges Encountered by Businesses Today

Why is analytics different?

Unlike ERP or CRM products that can be configured to meet business needs, insights development requires an analytics ecosystem comprising multiple tools that need to be integrated to iteratively deliver business insights.

- Find it intimidating to evaluate, select and manage a complex analytics ecosystem of cloud providers and multiple tool vendors.
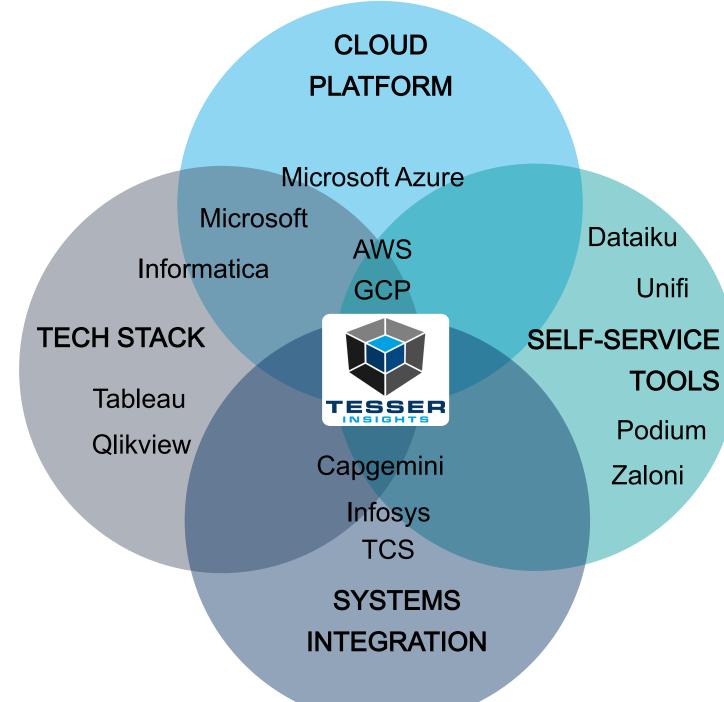
- Companies find it cost prohibitive to set up their own modern analytical ecosystems. However, the business value of this investment is reaped consistently over a period of time which is not always sustainable from a ROI perspective

- Evaluating and managing a systems integrator and delivering long, time consuming analytics, BI and data warehouse or data lake projects.

- Lack enough IT resources to keep the lights on; no time for training, research or innovation. Yet, they need exactly these digital tools for their survival.
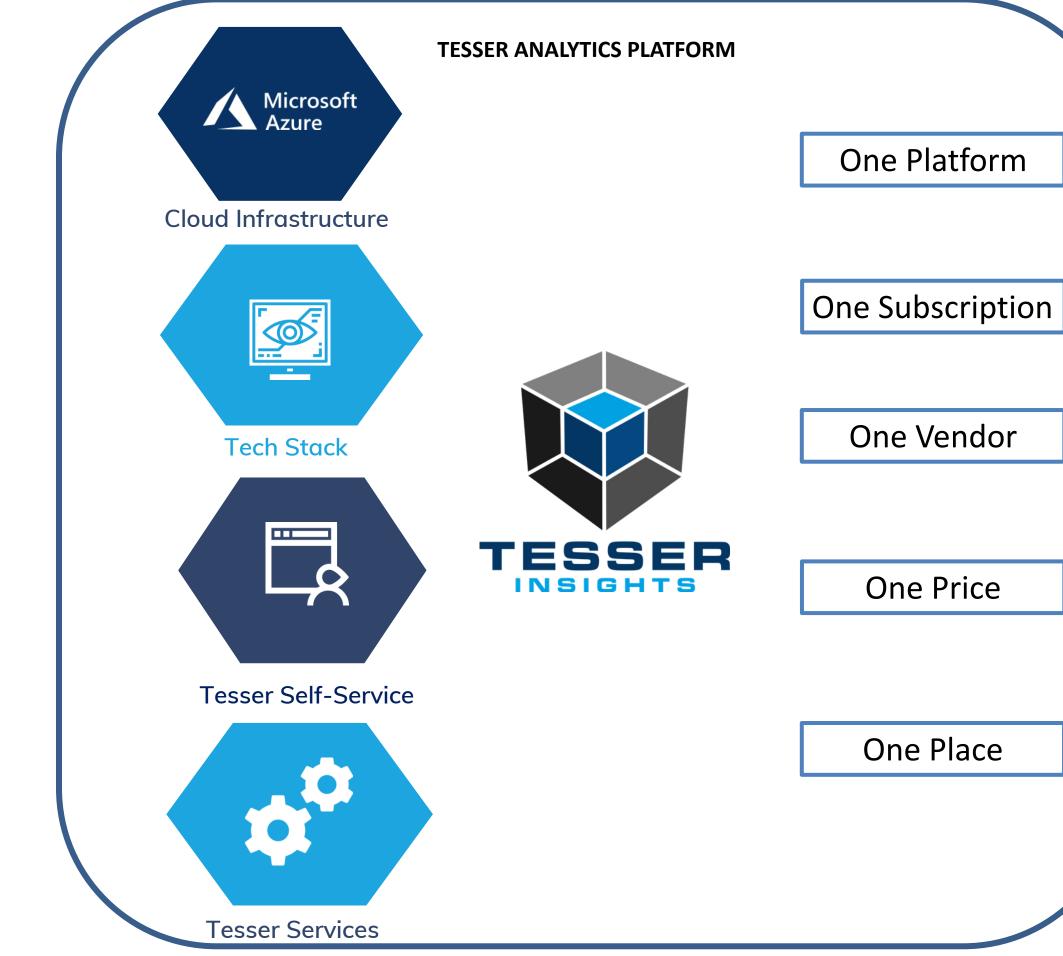
TESSER INSIGHTS

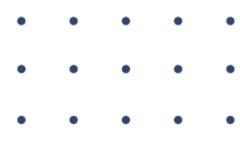# COMPONENTS OF A MODERN ANALYTICS ECOSYSTEM
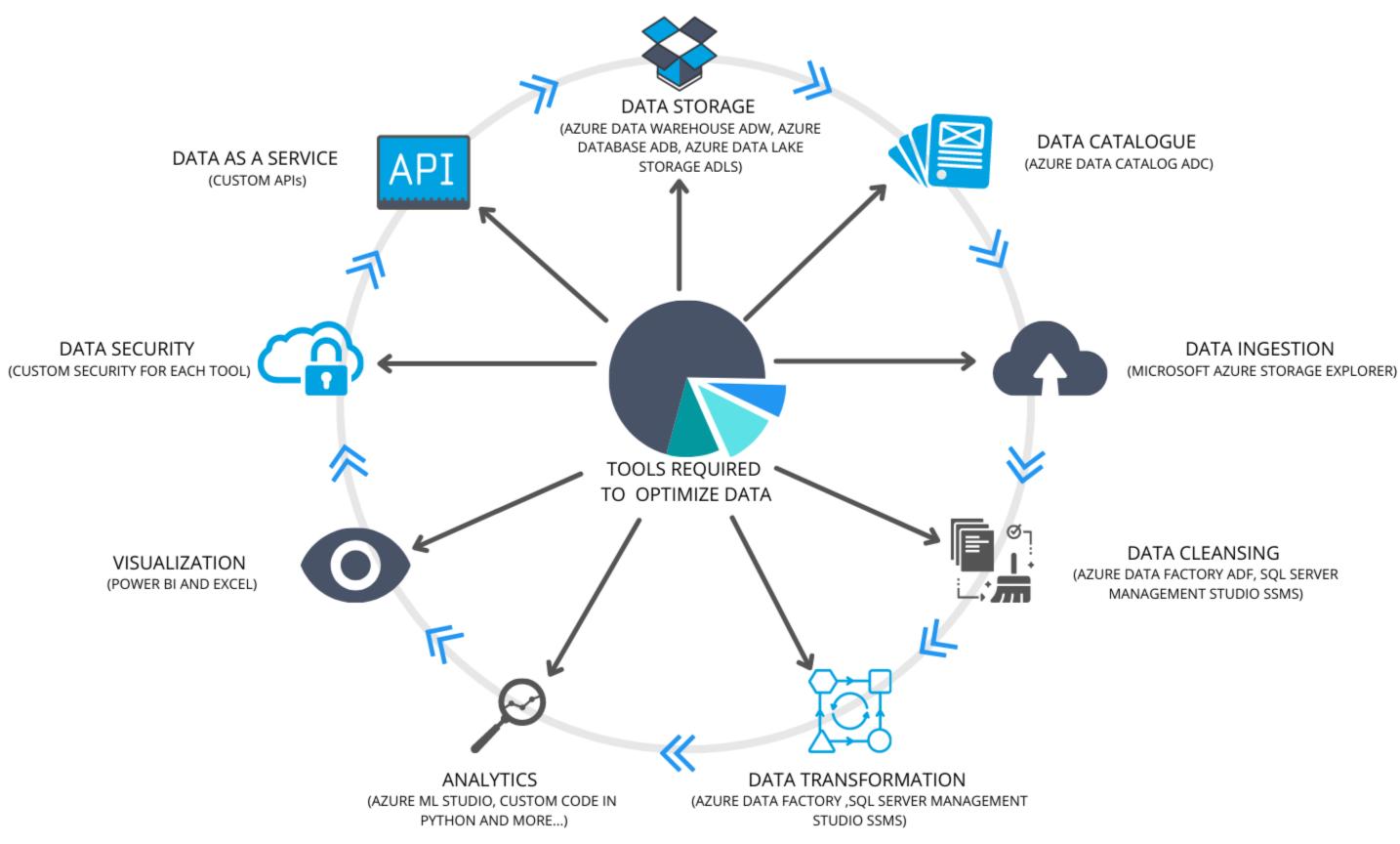
COMPONENTS OF A MODERN ANALYTICS ECOSYSTEM

TESSER ANALYTICS PLATFORM

Cloud Infrastructure

Tech Stack

Tesser Self-Service

Tesser Services

One Platform

One Subscription

One Vendor

One Price

One Place

A MODERN ANALYTICS ECOSYSTEM

DATA STORAGE
(AZURE DATA WAREHOUSE ADW, AZURE DATABASE ADB, AZURE DATA LAKE STORAGE ADLS)

DATA CATALOGUE
(AZURE DATA CATALOG ADC)

DATA AS A SERVICE
(CUSTOM APIs)

DATA SECURITY
(CUSTOM SECURITY FOR EACH TOOL)

DATA INGESTION
(MICROSOFT AZURE STORAGE EXPLORER)

TOOLS REQUIRED TO OPTIMIZE DATA

VISUALIZATION
(POWER BI AND EXCEL)

DATA CLEANSING
(AZURE DATA FACTORY ADF, SQL SERVER MANAGEMENT STUDIO SSMS)

ANALYTICS
(AZURE ML STUDIO, CUSTOM CODE IN PYTHON AND MORE...)

DATA TRANSFORMATION
(AZURE DATA FACTORY ,SQL SERVER MANAGEMENT STUDIO SSMS)

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IT

THE GREAT WALL OF IT-BUSINESS

BUSINESS

TESSER INSIGHTS

TESSER INSIGHTS SELF-SERVICE APPLICATION
COLLABORATIVE WORKSPACE FOR END-TO-END ANALYTICS

VISUALIZATION

BUSINESS

CLEANSING

CATALOG

APPLICATION SECURITY

DATA STORAGE

INGESTION

API

T.A.I.

TRANSFORMATION

API

AND MORE...

IT

TESSER INSIGHTS

TESSER INSIGHTS' ONE-STOP SOLUTION FOR YOUR BUSINESS

Data Ingestion and Storage
Real-time, batch, messages, streaming, relational data, files, structured, unstructured, semi-structured, blobs, Hadoop, RDBMS, columnar, in-memory

Data Management
Master data, Metadata, ETL, ELT, transformations, normalized, denormalized, dimensional data modeling, data catalog, search, organize & retrieve

Analytics
Self-service data analysis, predictive and prescriptive analytics, machine learning, AI, alerts, business rules orchestration, complex event processing, social network analytics

Visualization
Self-service visualization, dashboards, device independence, user templates

Application Integration
API, microservices, embedded analytics, deployment and management

TESSER INSIGHTS

WHY TESSER INSIGHTS?

Delivering analytical insights where it matters

Integrating insights and analytical recommendations with end user applications

Increased speed to insight

Delivering insights in real-time or near real-time to business

Empower business teams with self service capability and insights discovery

Free up IT resources to focus on data engineering and innovation

Provide a scalable model for hardware, software & services

Costs that can flex with business demand

Eliminate risk of technology obsolescence

Rent technology and focus on business outcomes

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INSIGHTS

BENEFITS TO YOU

→ **Continuously evolving platform with new features added at no cost***

→ **One vendor (Tesser) deals with all analytical needs:**

- **hardware**
- **software**
- **self-service portal**
- **managed services**
- **one contract**

→ **No need to train internal resources – redeploy as business liaison**

→ **No risk of technology obsolescence – we keep the technology updated**

→ **Flexible resource model to support new use case development**

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ENGAGEMENT MODEL – YOUR DATA ANALYTICS PARTNER

ONE-TIME SET UP

- Assess existing Environment, Business Needs
- Plan the MigrationBuild end to end Data analytics platform using Tesser Platform – Hardware and Software Included
- Migrate all the data from disparate systems to Tesser Data Lake
- Execute the Analytics and Visualization

MANAGED SERVICES

- Monitoring of all scheduled jobs
- Break fix for all applications
- User incident management
- Maintenance and house keeping of all production applications
- Support deployment of new applications and/or changes to existing applications.
- A single fixed monthly fee that covers the following:

- Hardware (defined capacity)
- Software (defined list)
- Support services (defined scope)

ENHANCED SERVICES

- Developing and deploying new data flows or ingestions
- Productionizing user's insights discovery for enterprise
- New report, analysis or insights development requests
- New microservices or API integration with external applications
- Simple services are based on a catalog pricing model
- Complex services will require a time & material or fixed bid estimate to be developed

TESSER INSIGHTS

Sundar Balasubramaniam
CEO || Ex-VP, Capgemini

A solutions Architect with over 30 years of experience in implementing Data Warehousing & Business Intelligence Solutions. In-depth knowledge in a range of domains like Analytics, Data Migration, Data Warehouse & Business Intelligence, Data Governance, Data Profiling and Data Quality. His passion in this space led him to create Tesser Insights and develop the Tesser Platform

Ganesh Swaminathan
COO || Ex-DXC

Ganesh, in his overall career span of 33 years has worked on and led strategic projects and initiatives across industry domains on leading edge and trend setting technologies. After a long stint with DXC, Ganesh joined the Tesser Insights leadership team as "COO-Core Platform Delivery"

Vijay Kumar Bhavani
CTO || Ex-DXC

Vijaya has 27 years of experience in incubating and growing applications business offerings such as Application Development, Application Migration & Modernization, building technology platforms and emerging capabilities. One of his significant accomplishment was visioning, coining, and building a DevOps platform called, DevCloud, a cross-portfolio global capability.Vijaya is now on the Tesser Insights Leadership team serving as the CTO

Gayatri Mohan
Director || Ex-Capgemini

Platform Architect with over 20 years of work experience focusing on building and delivering scalable technical architectures and solutions in traditional data warehousing and big data & analytics space on-premise and in cloud environments. Spearheaded Big Data transformation initiatives and defined roadmaps for the transformational journey.Gayatri is now on the Tesser Insights Leadership team serving as the director.

Sriranjani Sridharan
Solution Architect || Ex-DXC

A Solution Architect with over 17 years of experience in data warehousing and business intelligence.Sriranjani has implemented several end-to-end solutions in a variety of business areas.She has also architected Business Intelligence solution offerings for the insurance industry.Worked on different BI technology stacks like, IBM Cognos, SAP Business Objects, SAP BODS, Microsoft Power BI and Sisense.

Aravindh Murugiah
Senior Data Architect || Ex-L&T Infotech

Aravindh is a Microsoft Certified Azure Solutions architect with 16 years of experience in implementing various data solutions and data driven products. He possesses in-depth knowledge in a range of domains like Analytics, Data migration, Data Warehouse & Business Intelligence, Data Governance, Data Profiling and Data Quality.