

# The Next-Gen Enterprise Analytics & AI Platform



Data has long been collected and analyzed by the scientifically minded. Data's unique properties and its ability to generate insight in an increasingly high-speed world make it not merely a new asset, but the asset that organizations need if they want to thrive in the digital era.

## Facing the unknown

## Current Challenges to Digital Transformation

- Taking too long to realize value from your technology investment?
- Challenging to source the right talent who can help maximize the value of your data?
- No access to real-time, actionable data insights to help you make informed decisions?
- Too much complexity when choosing the right technology for your business?



Explore [tcgmcube](https://www.tcgdigital.com/tcg-mcube) – our state-of-the-art, enterprise AI and analytics platform that helps address these challenges and empowers organizations to gain a sustainable competitive edge.

## The **tcgmcube** difference

## From Data to Informed Decisions in Real-time

Intuitive and built for speed, tcgmcube enables enterprises to realize the true potential of data and unlock growth.



### **Accelerates value realization from your investments**

Pre-configured product based on proven technology components facilitates easy and lean implementation

Low-code AI helps non-AI programmers to build and manage AI models by using an intuitive drag-and-drop interface



### **Enables near-instant actionable insights**

Real-time analytics and effective management of governed data ensure reliable, trustworthy, actionable insights

Write-back capability and service oriented architecture ensure seamless business process integration



### **Bridges digital talent gap**

Powerful self-service capabilities democratize analytics for better returns on data

Deep consulting capability across domains lead to process excellence with reduced budgets and resources



### **Simplifies technology choices for your business**

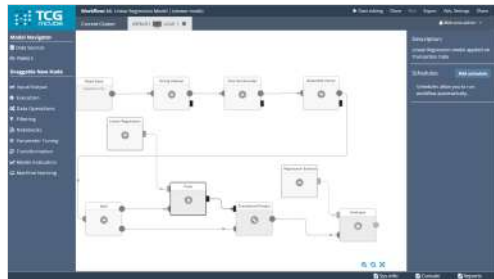
Pre-built use cases act as implementation accelerators for data access and data preparation with ease

One single, integrated, adaptive, modular end-to-end platform, with built-in AI/ML algorithms, data pipelines, self-service BI apps, and operational reporting, eliminates complex choices for the right tech stack

# Core Capabilities

## Connect with your data at once

With our denormalized data models, you can analyze data at lightning speed and gain a holistic view of your business. With our intuitive dashboards and low-code self-service BI apps, you can directly connect to your data and capture changes synchronously.

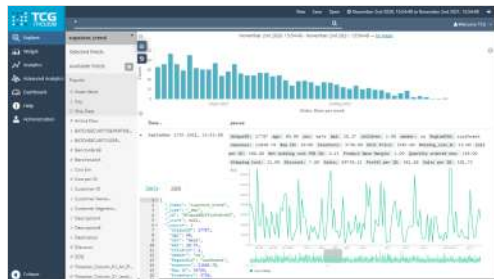


## Consume Low-Code AI

You can leverage industry-standard artificial intelligence and machine learning libraries with our drag-and-drop workflow builder. Further, you can harness Generative AI with Large Language Models (LLM) like Chat GPT.

## tcgmcube ezeXtend

Harness the power of tcgmcube's streamlined, accelerator framework to quickly build custom frontends for all your business analytical applications. ezeXtend supports data capture, write-back, and bespoke presentations. This low-code development environment lets you manage more easily, reducing your effort by 70%. Now, reach value faster and at a very low cost.

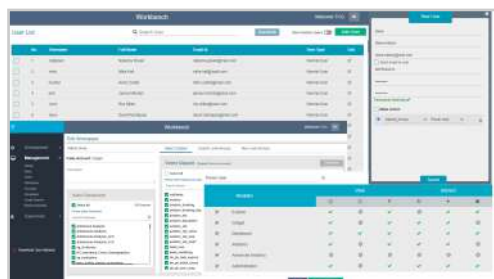


## Real-time Data Analysis

tcgmcube's Lambda architecture allows not only near real-time, micro-batch analytics, but also provides the ability to do in-stream data analysis, so you are able to automate business processes in real-time.

## Interactive Visualization Library

A rich library of built-in, configurable graphic widgets empowers you to tailor your reports. The platform stores the metadata of your widgets with dynamic connections to your data-sources.



## Central System Administration

You manage all aspects of the system from one central location. You centrally control access to apps, access to data at column and row level, and which functions a user can execute (view, change, delete). You centrally monitor system health and manage system resources according to the dynamic needs of the business environment.

# Key Functional Benefits

Stakeholders in the ecosystem	Components they benefit from
<b>Business Management</b>	<ul style="list-style-type: none"> <li>● Faster time-to-market</li> <li>● Rapid realization of Return on Technology Investment (ROTI)</li> <li>● Actionable insights from raw data at the right time</li> <li>● Centralized, automated distribution of operational reports</li> </ul>
<b>IT Management</b>	<ul style="list-style-type: none"> <li>● Cloud/On-Premise Analytics Delivery</li> <li>● Innovations sandbox in the cloud for quick hypothesis validation</li> <li>● Write-back capability, real-time data processing, and business process integration through SOA</li> <li>● Seamless implementation, scalability, and flexibility of the platform</li> <li>● Cloud-native architecture for high availability, elasticity, and flexible service levels</li> <li>● Centralized health monitoring of the system</li> </ul>
<b>Data Engineers</b>	<ul style="list-style-type: none"> <li>● Flexible choice of fit for purpose data persistence options</li> <li>● Gui based management of data flows</li> <li>● Rich library of data access drivers</li> <li>● Scalable, elastic data processing</li> <li>● A comprehensive suite of built-in data transformations</li> </ul>
<b>Data Scientists</b>	<ul style="list-style-type: none"> <li>● Data management, feature engineering, and Advanced Analytics</li> <li>● Supports Big Data, real-time streaming, NLP/AI/ML, data virtualization</li> <li>● Comprehensive library of latest AI/ML methods</li> <li>● Scalable analytics processing engine</li> <li>● Leverage analytical language of choice</li> </ul>
<b>Business Users</b>	<ul style="list-style-type: none"> <li>● Lightning fast performance</li> <li>● Intuitive, easy-to-use, self-service visualization capabilities</li> <li>● Accelerators facilitate faster delivery</li> <li>● Robust dashboarding capabilities of the platform</li> <li>● Tailored low-code BI applications</li> <li>● Operational report creation and distribution</li> <li>● Seamless integration with Generative AI and Large Language Models like Chat GPT</li> </ul>

Get in touch with us at [contact@tcgdigital.com](mailto:contact@tcgdigital.com) for a robust digital strategy and powerful demonstration of this easily deployable platform

## ABOUT TCG DIGITAL

TCG Digital is the flagship data science and technology solutions company of 'The Chatterjee Group' (TCG), a multi-billion dollar conglomerate. We leverage hyper-contemporary technologies and deep domain expertise to engage enterprises with full-spectrum digital transformation initiatives in operational support systems, enterprise mobility, app development and testing, cloud and microservices, automation, security, Big Data Strategy, AI/ML, and advanced analytics.

In addition to our Digital Transformation practices, by using our tcgmcube, enterprises are extracting highly actionable insights from their invaluable data assets, and achieving Velocity to Value with our award-winning advanced analytics platform, which democratizes data science with scalability, performance, and flexibility. For more information please visit our website at [www.tcgdigital.com](http://www.tcgdigital.com)