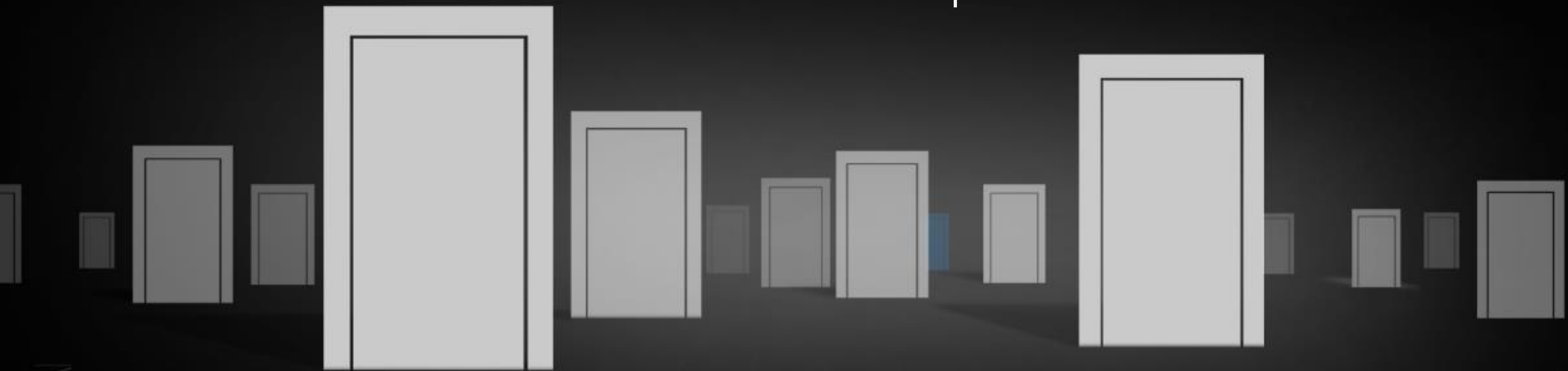




Building Culture of Data Grounds Up



Powered by



<https://codex.navizanalytics.com/>



CODEX is the strategic arm of Naviz Analytics that engages with the C-suite leadership to build data driven enterprises. At CODEX, we specialize in transforming “Culture of Data Experience” by following Measure, Map, Build, and Monitor framework.



16+ years of doing IT products and services, specializing in Data and Analytics, IoT space.

Customers include: Microsoft, T-Mobile, Expedia, Napa Valley (Growers)

Offices



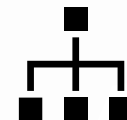
- Bellevue, WA (HQ)
- Hyderabad, India
- Bengaluru, India

Segment Served



- Vineyards & Ornamental farms
- Technology Companies
- eDiscovery Service Providers

Platform



- Data Integration
- Data Visualization
- IoT platform

Solutions



- nVino – SmartAg Solution
- Cannabis Analytics
- eDiscovery Analytics

What is Culture of Data?

McKinsey
& Company

Data Culture is Decision Culture

The fundamental objective in collecting, analyzing, and deploying data is to make better decisions.



How to Build Culture of Data Experience?

Data Strategy

Strengthen the data defense



Data Literacy

Ability to explore and interpret data



Data Democratization

Self-service data for everyone

Industry take on Data-driven culture



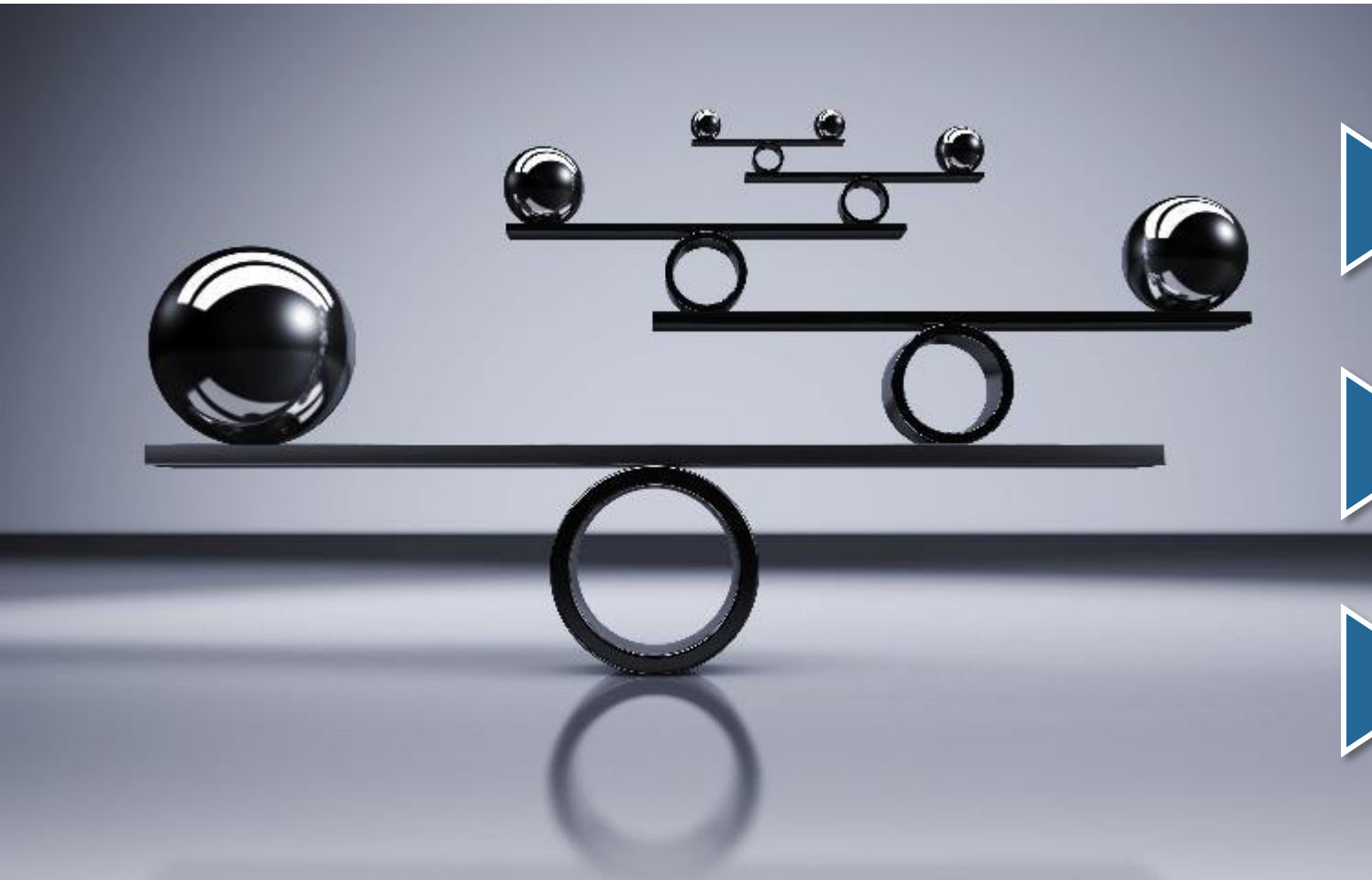
The greatest challenge for leading companies in their efforts to becoming data-driven continues to be due to cultural barriers – 92.2% -- not technology limitations and a lack of viable technology options.

[New Vantage Partners Big Data and AI Executive Survey 2021](#)



- Only 24.4% organizations have been able to forge Data Culture
- 92.2% respondents believe People, Process, and Culture to be the biggest impediment to become data-driven
- 48.8% respondents agreed that the role of Chief Data Officer is still nascent and evolving

CDOs often report challenges



What is the current state of data culture?
How deep we are in?



Where to start?
Data Literacy or Strategy or Products...



How to measure the impact of actions?
Are my actions creating any impact?

CODEX – Culture of Data Experience

We build **Culture of Data Experience** from grounds up

1

Assessments

Measure Data Culture maturity by assessing data personas

3

Data Literacy

Upskill your workforce with the world class O'Reilly Learning platform

2

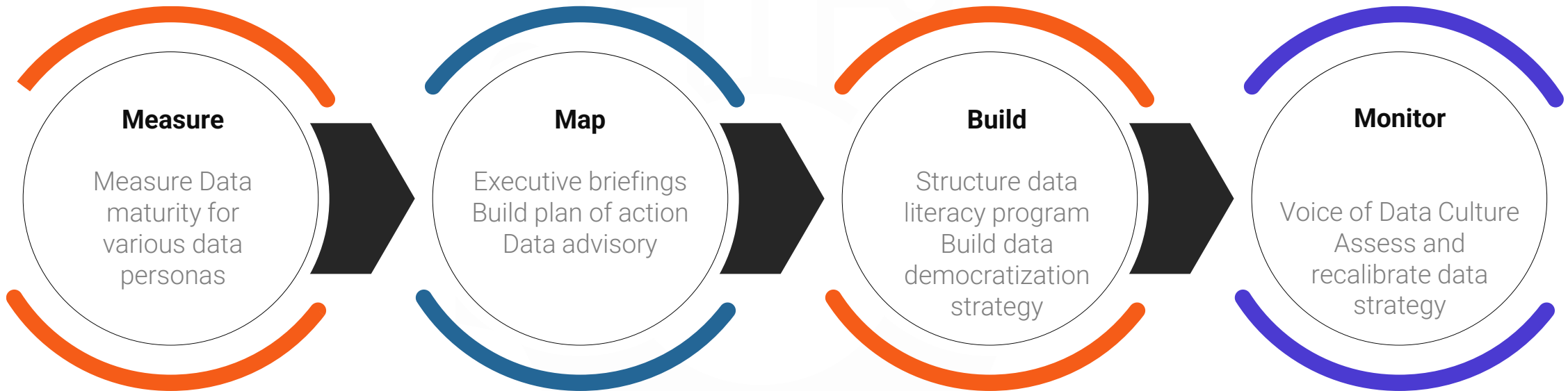
Advisory

Consulting and advisory services on data & analytics strategy

4

Data Democratization

Enable “citizen” workforce to explore data with Naviz Janus



Data Culture Maturity Assessments

We assess three personas – Leadership, Business Heads, and Data experts – across five themes as below

Personas\ Themes	Data as an Asset	Data Strategy – Defence	Data Literacy	Data Democratization	Business Analytics
Leadership	Vision and mission	Strategy, prioritization Data foundation	Awareness + SME Roles and competency	Data-driven culture	Build business strategy with data Partnership
Business heads	Alignment	Alignment	Citizen level knowledge Roles & competency	Autonomy and self-service Collaboration Data-driven operations	Business use cases KPIs Value framework
Data experts	Support	Concept understanding Awareness	Training & Upskill	Accessibility Autonomy + self service Collaboration Data-driven operations	Build solutions for the business

CODEX Data Literacy program

We have partnered with O'Reilly to design our data literacy program



- Access CODEX playlists on O'Reilly
- CODEX playlist curated for data personas by three learning tracks
- O'Reilly Learning Platform
 - **Linear and non-linear** approach to drive productivity
 - Expertly **curated**, high-quality content
 - Multiple learning **formats** – live trainings, learning paths, interactive environments & sandboxes, certifications, case studies
 - Solve real-life problems fast with O'Reilly **Answers**
 - Deep **insights dashboard** to understand workforce's learning behavior and trends
 - Slack integration and time-saving tools



<https://codex.navizanalytics.com/press-release/codex-and-oreilly-announce-strategic-partnership/>

CODEX Data Literacy program



O'Reilly Learning Platform is trusted by the enterprise across industries



Data Democratization – Our approach



Build persona

Understand how the data is consumed across various levels

1



Data curation

Curate the data for ease of use, quality, and understandability

2



Access framework

Define a simple access framework

3



Self-service toolkit

Provision a self-service data/BI tool for non-technical users

4



Data Storytelling

Evangelize the use of data and promote data-driven experimentation

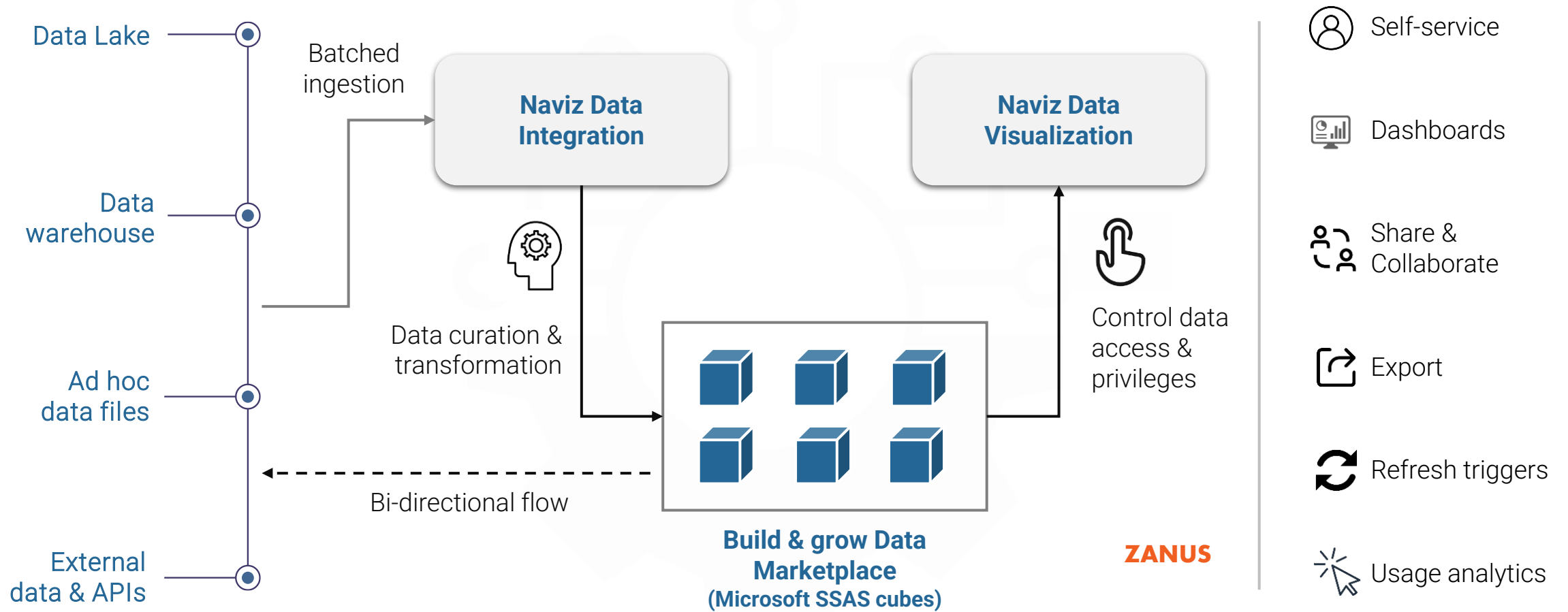
5



“Citizen” data is the term coined by [Gartner](#). “Power users” who can perform both simple and moderately sophisticated analytical tasks that would previously have required more expertise

- What “Citizens” need?
 - Self-service and easy-to-use toolkit for “data” storytelling
 - Marketplace of quality data sets
 - Collaborate with the peers
- How does organizations benefit from “Citizen” workforce?
 - Empower domain experts with no-code platforms
 - Scale up data-driven experimentation
 - Free up data experts from small data needs
 - Evangelize and build Culture of Data

Naviz ZANUS Data Democratization Platform - Blueprint



Naviz ZANUS – Data Visualization

Visualize raw data from across your organization to make it actionable, so you can get to insights faster.

Explore the data and **uncover deep insights** by visualizing raw data from across data systems in your organization.

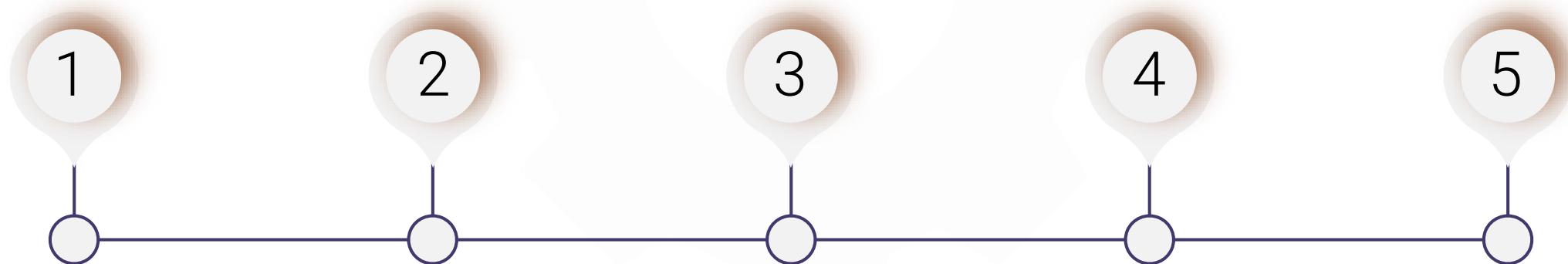
Achieve **faster page load** times for millions of rows with real-time views of data.

Visualize and **track your KPIs** on any device from anywhere.

Configure alerts and thresholds on business KPIs.

Usage analytics to advocate data features

Monitor **correlations, summaries** and more, further giving you automatic insights



Naviz ZANUS – Data Integration

Link, merge and access your data with Naviz as the hub across all your systems.

- Leverage **low-code interface** to connect live data from disparate data platforms, on-prem or cloud, using 1000+ prebuilt connectors.
- Query data directly from with **data federation**, so your sensitive data doesn't need to leave the firewall.
- Combine and enhance data from multiple sources and visually sequence them **without SQL expertise**.
- Keep your data current by making use of the default logical application every time your dataset is updated.
- **Data cleansing, transformation**, and mining can be achieved during integration





Saurabh Gupta
Co-Founder & Partner

As an author, speaker, academician, and a technical leader, Saurabh aims to inspire people by presenting technology in simple, yet a powerful way.

Saurabh is passionate about data-driven innovation and business transformation.

Saurabh is an alumnus of Harvard Business School and BITS Pilani.



Chitiprolu Jagan
Managing Director

Jagan built C2S and aligned with Microsoft Cloud Strategy services, with Data Analytics competency and Machine Learning solutions as a core.

In 2014, Jagan co-founded and launched Naviz Analytics to build industry Analytical solutions in several business verticals.

Jagan is an alumnus of Harvard Business School.





About NAVIZ Analytics

Naviz – Managed Services



Big Data Management

- Big Data architecture, storage & processing
- Azure Data Factory, Azure Databricks
- Azure Data Lake, BLOB storage



Data & Analytics, and AI

- MS BI, Open-Source BI, Naviz ZANUS for self-service
- AI/ML Solution development
- Azure ML Service



IoT for Ag-tech

- Hardware & RF communication including PCB design & component mounting
- Azure IoT & AWS IoT platforms
- End to End IoT Solution implementation



Azure

- Azure Managed Services
- 24 X 7 Support of infrastructure and Apps



DevOps

- Configuration Management
- Automation Testing
- CI/CD Pipelines



App Development

- Website & Application – Design & Development
- Mobile Apps (Native & Cross platform)
- Auth0, AAD, Google, Facebook Authentication integration

Naviz – Technologies we support



Web & Mobile

- C#
- HTML
- CSS
- Java Script
- Angular
- Node.js
- Socket.io
- Ionic
- SharePoint



Storage & Processing

- Azure Data Factory
- Azure Databricks
- Azure Synapse Analytics
- Azure Data Lake
- Azure Blob Storage
- Python, R
- Power Automate
- SSIS
- SQL server
- SSAS
- MySQL



Presentation

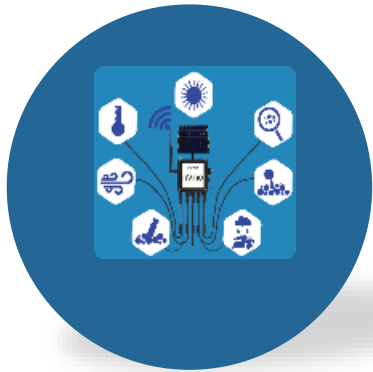
- Power BI
- SSRS
- SpagoBI



Tools

- Azure Machine Learning Studio
- Azure DevOps
- Kubernetes
- Selenium
- Power Apps

Naviz – IoT Platform



Hardware

- Customization
- Re-use existing devices
- Installation
- Maintenance
- Remote Monitoring



IoT Cloud

- Support Multiple Cloud Vendors
- High Volume data transfer
- Send Email/SMS Alerts



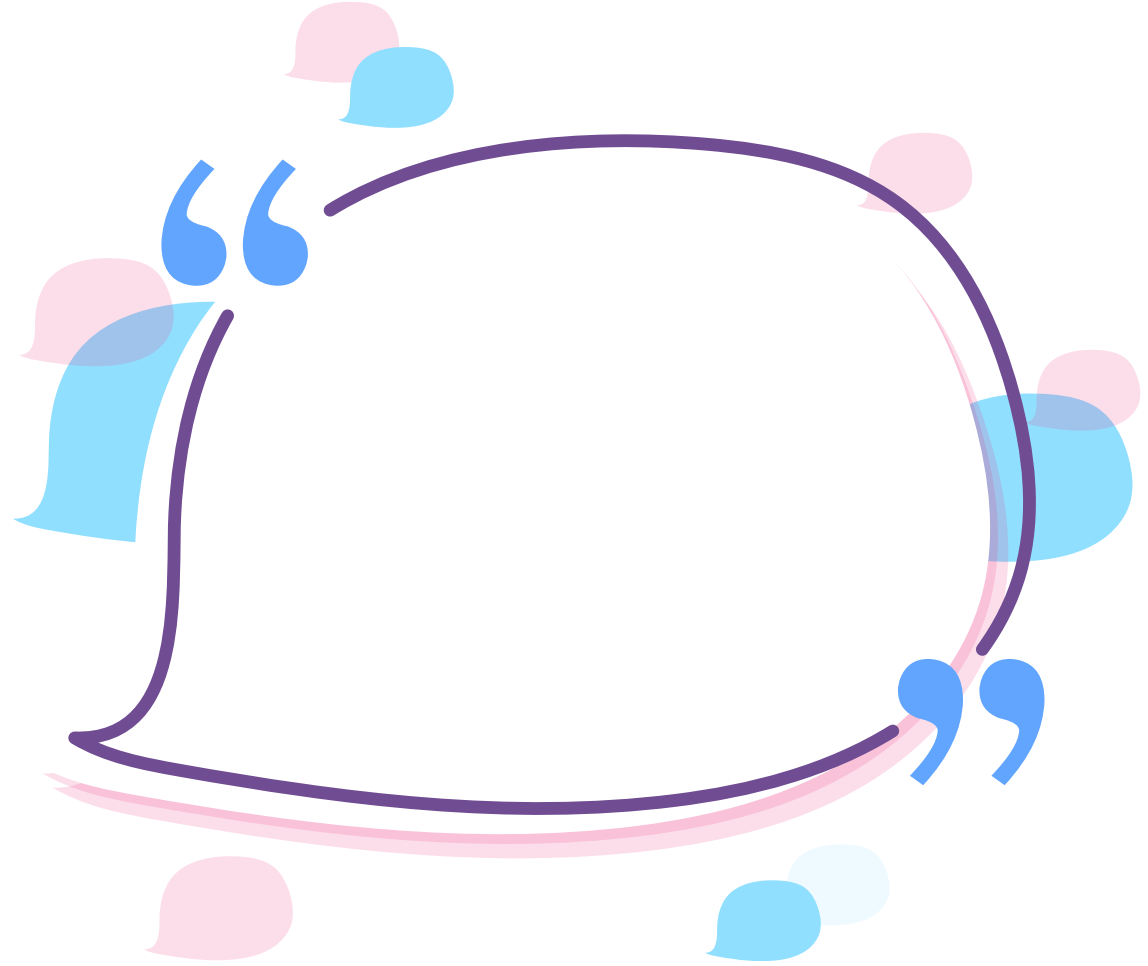
Machine Learning

- Prediction Models
- Fault Detection
- Preventive Maintenance



Insights & Actions

- Visual monitoring
- Outbreak detection
- Sensor trends
- Remote Actions
- Multi-Device Support



Testimonials

Testimonials



We have been working with Naviz Analytics team for more than two and a half years on data analytics and integration platform for the eDiscovery system to pull data from multiple source system. The Naviz team is super agile. We have a real reception from our customers using this platform. Thanks to Naviz team.



The Naviz partnership for ThingBlu has been instrumental in enabling us to deliver unique solution set to the indoor agricultural industry their partnership has enabled us to develop a solution and deliver it a timeframe much shorter than we would on our own, so is an example we have taken advantage of visualisation.



I'm really excited behalf of Advanced Viticulture to work with companies established in as forward thinking is Naviz they have done great job in developing our portal, that's why we look forward to additional relations with them in developing more opportunities for our company and for that company as well.

Click & Watch





Thank you!

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