e Moksha
A DATA SCIENCE COMPANY

Making State Reporting Data Actionable

How the Six District Career Tech Compact transformed fragmented reporting into focussed insights on a single page.

The Challenge: Too Much Data, Too Little Insight

State portals contain all the data that Career and Technical Education (CTE) leaders need; however, this information is presented through too many different views.
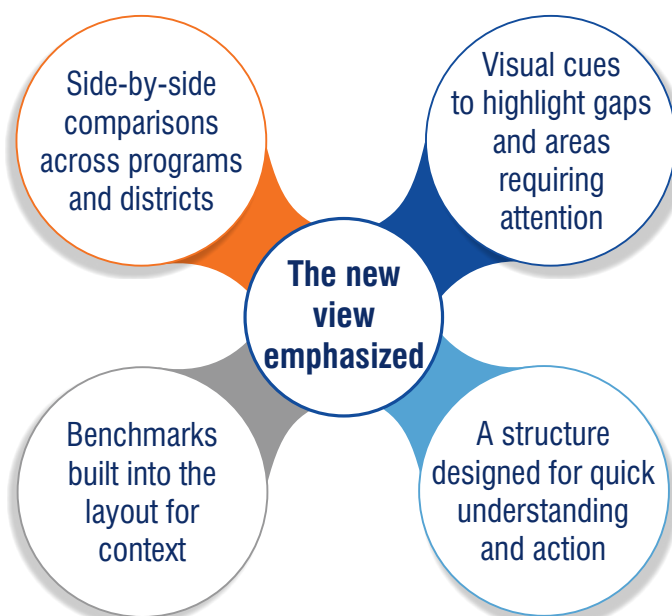
Metrics such as WebExam participation, concentrator status, and credentialing outcomes are found in various dashboards, tables, and tabs. For multi-district leadership, this often results in:

1 Hours spent compiling and cross-checking data

2 Difficulty spotting patterns across programs

3 Delayed responses to performance or compliance issues

4 Leadership conversations that focus on finding the data instead of using it

The Six District Career Tech Compact leadership struggled to get a complete, easy to understand view of school district and program performance metrics, and areas requiring intervention, despite access to rich state-reported data.

The Solution: One Page. Everything That Matters.

The Six District Career Tech Compact collaborated with eMoksha to develop a single-page view of key data points. This solution tackled the challenge of utilizing state-reported data and aligned it with leadership's strategic requirements.

The new view emphasized

- Side-by-side comparisons across programs and districts
- Visual cues to highlight gaps and areas requiring attention
- Benchmarks built into the layout for context
- A structure designed for quick understanding and action

This solution helped translate complex data into a streamlined, decision-ready experience for CTE leaders.

The Outcome: Smarter, Faster, More Focused

Results at a Glance

WebExam Tested Rate - District & Program View 2023-2024

Participation Rate

Concentrator Count	Tested Count.	
945	907	**96.0%**

Participation Rate

Program	Rate
Program 1	100.0%
Program 2	100.0%
Program 3	78.8%
Program 4	96.2%
Program 5	95.7%
Program 6	100.0% Average

Participation Rate

District Name	Concentr..	Tested Cou..	Gap	
District 1	160	130	30	81.3%
District 2	41	31	10	75.6%
District 3	475	474	1	99.8%
District 4	127	127	0	100.0%
District 5	79	73	6	92.4%
District 6	75	74	1	98.7%

Participation Rate

District	Rate
District 1	81.3%
District 2	75.6%
District 3	99.8%
District 4	100.0%
District 5	92.4%
District 6	98.7% Average

Participation (Gap/Concentrator Count)

	Program 4.	Program 1.	Program 2.	Program 3.	Program 5.	Program 6.	Grand Total
District 1					0/20		0/20
District 2					0/21		0/21
District 3			1/91	0/81			1/172
District 4		0/37	0/21				0/58
District 5	0/15					2/17	2/32
District 6					0/17		0/17
Grand Total	0/15	0/37	1/112	0/81	0/58	2/17	3/319

> We used to spend time just trying to piece things together. Now, we can focus on what's working and what needs attention—without the noise.
>
> — **Director of CTE, Six District Compact**

A shift from reactive reporting to strategic action

Before

1. Siloed data across tabs & portals
2. Late discovery of performance gaps
3. Manual reporting cycles
4. Disconnected team conversations
5. Time spent finding data

After

1. Unified view of key metrics
2. Early detection and proactive response
3. Faster turnaround with fewer errors
4. Shared understanding across leadership
5. Time spent acting on insights

Looking Forward: A Shift in How We See Data

The Six District Compact fostered meaningful discussions, quicker interventions, and improved alignment among leaders by focusing on key decisions rather than on data collection systems. This approach led to a significant transformation in how Career and Technical Education (CTE) programs use data, shifting its role from being just a compliance tool to becoming an instrument for progress. This case study highlights that the real value of data is not found in the sheer number of dashboards, but in understanding the most essential components.