



# Ivy Tech Community College modernizes their BI platform

## Client

Ivy Tech Community College, Indiana's largest public postsecondary institution

## Company Size

6,500+ employees

## Location

Indiana, United States

## Featured Partners



Ivy Tech Community College, Indiana's largest public postsecondary institution, recognized that its existing business intelligence (BI) environment could no longer support its evolving needs for data access and decision-making. Faced with a legacy BI platform and a growing demand for modern analytics capabilities, Ivy Tech turned to Marlabs to lead a full-scale modernization effort.

Marlabs collaborated with Ivy Tech to assess, design, and implement a new BI environment that improved user access to data, empowered decentralized reporting, and enhanced analytics capabilities across the institution. The result was a scalable, future-ready BI platform with a data governance strategy that supports ongoing growth.



Data Strategy & Roadmapping



Data Platform Architecture



Business Intelligence Modernization



Data Governance Frameworks

# The Challenge: Modernizing BI for a statewide institution



**Objective:** Enable faster, more decentralized, and better informed decision-making across all campuses.



**Existing Issues:** The legacy BI environment was inflexible, expensive, and not aligned with future data needs.



**Solution Needed:** A scalable and user-friendly BI platform with enhanced data governance and self-service capabilities.



**Outcome:** A modern, cost-effective BI environment that empowers data users across the organization.



Ivy Tech needed a modern BI platform that could scale to serve 40 locations, improve decentralized reporting capabilities, and provide better data access for decision-makers at every level. Their legacy platform was too rigid, only offering limited self-service functionality, and it was costly to maintain.

# The Solution: Delivering a scalable and sustainable BI environment

Marlabs partnered with Ivy Tech to design and implement a robust BI modernization strategy. The solution provided better access to data, supported decentralized analytics, and reduced licensing costs. It also laid the groundwork for long-term scalability and governance.

## Phase 1: Discovery & Assessment

The team performed a detailed review of the current BI environment and stakeholder needs.

### Workstreams:

- Stakeholder engagement
- Gap analysis
- BI inventory mapping
- Use case identification

## Phase 2: Strategy & Roadmapping

From the initial assessment, we created a comprehensive roadmap to align business goals with BI modernization priorities.

### Workstreams:

- Strategic alignment
- Future state definition
- Platform selection support
- Governance framework development

## Phase 3: Implementation & Migration

The team executed the migration plan, modernized architecture, and enabled new capabilities.

### Workstreams:

- Platform buildout
- Report migration
- Data model refinement
- User enablement

## Phase 4: Governance & Enablement

We rolled out a governance model and training plan to ensure sustained BI adoption and oversight.

### Workstreams:

- Governance process creation
- Training & documentation
- Support structure design
- Success measurement

## Services and Technologies Used:

### Services:

- BI Modernization
- Data Governance
- Platform Implementation
- Stakeholder Enablement

### Technologies:

- Microsoft Power BI
- Azure Data Services
- SQL Server

# The Results: Impact on the client organization

Through this engagement, Ivy Tech achieved a modern, efficient, and scalable BI platform that serves the data needs of a diverse and distributed user base. The project significantly improved data access, supported a decentralized decision-making culture, and reduced costs by retiring outdated technology. Marlabs also helped Ivy Tech implement sustainable governance practices and user training to ensure long-term success.



**Improved Data Accessibility:** Users across campuses now have timely, secure access to relevant data.



**Sustainable Governance:** The formal governance framework ensures responsible data management.



**Cost Reduction:** We eliminated licensing costs by decommissioning the legacy BI platform.



**Future-Ready, Scalable Architecture:** The new platform is built to scale with Ivy Tech's growing data needs.



**Enhanced Decision-Making:** Decentralized reporting allows for faster and more informed decisions.



**Increased User Adoption:** Targeted training and enablement fostered widespread adoption of the new tools.