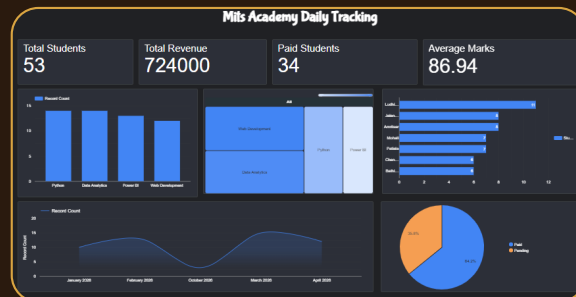


CASE STUDY 02

MITs Academy

From Tracking System to Business Intelligence

How Orden added a dedicated reporting layer on top of an existing system, without replacing it.



CLIENT

MITs Academy

INDUSTRY

Education & Training

SERVICES

BI, Data Visualization,
Reporting Automation

TECHNOLOGY

PostgreSQL,
Looker Studio

01 OVERVIEW

The data was there. The clarity was not.

MITs Academy already had an internal tracking system to manage its operational data. What management lacked was an effective way to visualize that data and access the reports needed for daily operations. The system stored and tracked information, but a dedicated Business Intelligence (BI) layer with meaningful charts and reporting views, built around the academy's own requirements, was missing. Orden's goal was to bridge that gap by turning existing operational data into clear, management-focused reports.

02 THE CHALLENGE

Not a lack of data, but data that was hard to use

1 Business-focused visualization

Charts and reports aligned with what management actually needs to monitor.

2 Simplified daily reporting

An easier way to review operational information on a regular basis.

3 Better data accessibility

A dedicated BI layer connected to the existing tracking system.

4 Reduced reporting complexity

A more structured approach to reviewing business information.

The constraint: the solution had to work with the existing infrastructure rather than replace a system that was already in daily use.

03 OUR APPROACH

From business requirements to a working dashboard

Instead of creating a generic dashboard, Orden started with what management wanted to see, then built the reporting layer around the academy's existing data.

1

Requirements Gathering

We learned what management wanted to monitor and which charts and reporting views would be most useful for daily decisions.

2

Connecting the Database

Looker Studio was connected to the PostgreSQL database behind the tracking system, with no separate data-entry process.

3

Building the Dashboard

Visual reporting views were developed in Looker Studio, making operational data easy to review through charts.

04 THE SOLUTION

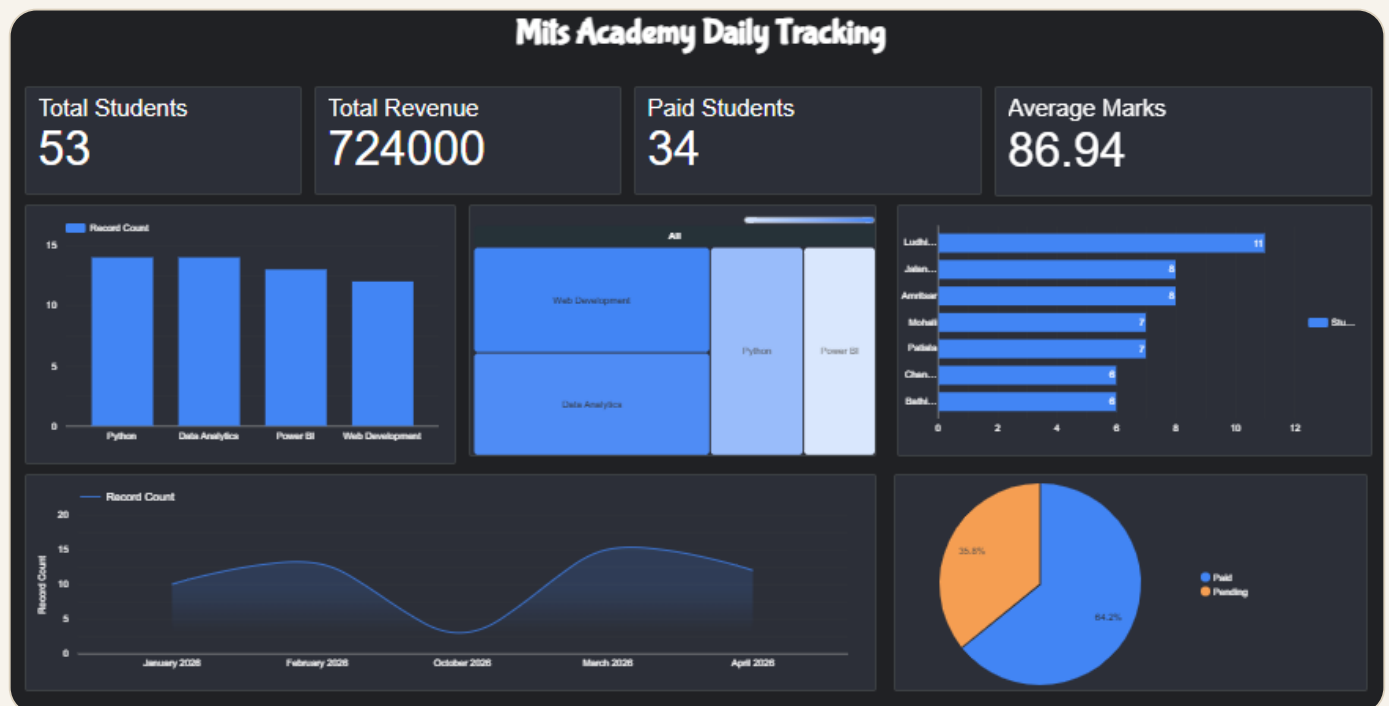
A reporting layer, not a replacement

Orden connected the academy's existing PostgreSQL database to Looker Studio. MITS Academy keeps its tracking system and gains a dedicated visualization and reporting layer on top of it.

THE RESULTING WORKFLOW



THE DASHBOARD



MITS Academy Daily Tracking: students by course, course mix, students by city, monthly record trend and paid versus pending split, all on one screen.

05 BUSINESS IMPACT

Existing data, made useful for management

The dashboard turns the academy's operational records into headline numbers management can read at a glance.



Figures shown are taken from the dashboard snapshot.

Easier Daily Reporting

Management gained a dedicated dashboard for reviewing operational data, making routine reporting easier.

Clearer Business Visibility

Information became available in visual formats designed around management's reporting requirements.

Reduced Reporting Chaos

A structured reporting solution simplified accessing and interpreting business information.

The central value: making existing business data more useful without replacing the academy's internal tracking system.

06 TECHNOLOGY USED

PostgreSQL

Looker Studio

Business Requirements Analysis

07 THE KEY TAKEAWAY

A tracking system helps an organization record and manage operational information. A BI solution turns that information into visual reports that make it easier for management to understand the business. By connecting the existing PostgreSQL database to Looker Studio, Orden bridged that gap.

"Business data should do more than exist. It should bring clarity to everyday operations."

Orden. From business chaos to clarity.

