

# When Data Saves Lives: Power BI for Smarter Safety Management

An Australian landscaping and construction company partnered with Cedars BC to gain real-time visibility into health and safety across worksites.



Centralized, real-time visibility into health and safety performance.

Before the change, safety data was scattered, reporting was manual, and lacked visibility.

After the transformation, incidents reduced, and safety culture got stronger.



## Know the Context

The client is a leading landscaping and construction company based in Australia, specializing in large-scale outdoor and infrastructure projects.

With a strong focus on safety, quality, and environmental sustainability, the company manages numerous teams and worksites across the region, and safety performance became increasingly critical.

## Teams Were Acting Late

The client struggled to manage health and safety data scattered across spreadsheets.

Manual reporting slowed insights and limited the ability to track hazards, measure program effectiveness, and drive a stronger safety culture.



- Scattered data across multiple spreadsheets
- Manual, time-consuming reporting
- Limited visibility into recurring hazards
- Difficulty measuring safety initiative impact
- Hindered proactive risk management

## Our Solution

Cedars BC created a Power BI dashboard tailored to the client's safety management needs.



Transformed disconnected safety records into a clear, actionable source of insight.

### Key solution elements:

Integration of all safety-related data into one centralized reporting system

Configurable filters and drill-downs for managers to explore specific safety metrics

Dynamic and interactive visuals for incidents, hazards, and injury locations

Automated data refreshes ensuring reports were always current

## The Difference Made

The new **Health and Safety Reporting Dashboard** delivered measurable improvements across the organization, and providing real-time insights that enabled faster decision-making, better risk management, and a stronger safety culture

**Enhanced employee awareness and accountability, fostering a culture of proactive safety management**

**45%**  
less time spent  
on manual  
reporting and  
data prep

**30%**  
faster identifica-  
tion of incident  
trends and  
high-risk areas

**20%**  
decrease  
in recurring  
safety incidents  
over time

**100%**  
safety data  
centralized in  
a secure  
dashboard

## The Insight

Cedars BC enabled the client to move from manual, reactive safety reporting to real-time, data-driven decision-making, with the **Power BI** dashboard serving as a central hub for monitoring safety and driving continuous improvement

## The Lesson



Leveraging data analytics can enhance operational efficiency, as well as work transparency, and employee well-being, even in complex, field-based industries like construction and landscaping.