A leading distributor of books to public libraries & schools uses Azure Synapse Analytics and Power BI to help students, teachers and school patrons rebuild education in the post-pandemic world

Background

The customer is the premier worldwide distributor of books, digital content, and entertainment products for approximately **25,000** suppliers in **120 countries**.

Business Challenge

With a mission to make educational resources available to everyone, **the customer** has been a trusted partner to Pre-K and K-12 schools, districts, and college campuses.

The customer wanted to offer new powerful insights through its **Destiny platform** that can enable the school system find new ways to re-engage student's post-pandemic and help them find new ways to learn in a more personalized manner.

However, their platform lacked a robust analytics tool that can consolidate data from **100K daily users** connected to **11,500 databases** (school districts) into a unified portal for insightful reporting.

Key challenges:

- Resource analytics reporting gaps
- Lack of district level reporting
- Static operational report construction
- Difficulties in measuring the investment impact on engagement and outcomes
- Lack of other cross-data set reporting
- User interface fragmentation

WinWire Solution

WinWire helped the customer to design, build, and implementation of insights using **Azure Synapse Analytics** and **Power BI** for the **Destiny Analytics & Reporting platform.**

WinWire provided a modernized data infrastructure and visualization tool. **Destiny Analytics & Reporting platform** offers insights across print, digital, resources, collections, and non-Destiny data sources.

All is now consolidated in a seamless unified portal and dashboard, data can be 'sliced & diced' and filtered as needed, and the tiered product offer includes add-on capabilities, plus consulting. On top of that, we ensured that Destiny's performance is much faster.

Another beauty of this solution, it is scalable, it is 'plug & play' in nature – **ready for use within just two days!** It's completely configurable and reusable, so customer can use the same code and replicate it across geographies.

Business Value

- Helped to empower **48 million patrons** across **11,500 US school districts** with **actionable insights** that were not previously visible

- **Saving 95% of development** costs and another **85% on proposed IT licensing**

- Enabled **personalized resources** for better student engagement

- Eliminated **reporting** – from 3 days down to real-time

- Provided a **scalable environment,** ready for upgrades, added services & can seamlessly handle **80K - 160K users**