

# BDO Beagle | Fueled by Lixar

## RECOVERY & GROWTH DASHBOARD



**COVID-19 has caused unprecedented disruption in every sector.**



Some industries were harder hit than others, but organizations across the board have had to quickly pivot to meet changing demands and new standards, while navigating several blind spots. Throughout the pandemic, we have heard a lot about these being uncertain times, and about the anxiety of not knowing what will come next. But this idea that the future is unknowable is not entirely accurate. This misperception has to do with the fact that the droves of data out there are heavily focused on the present, leaving industries to rely largely on gut instincts and historic data to guess when their industry will recover and begin to grow again.

To respond to the perceived unpredictability of recovery, **Lixar Data Scientists have created a modern AI-driven economic predictor that draws inputs from over 157 indicators.** It provides **best, worst, and moderate outcomes** in four key sectors: **Technology, Construction, Real Estate, and Manufacturing.** The predictor is able to forecast an industry's future trends and dips, and map them against historical data surrounding economic challenges and recovery from past major events, such as the 2008 recession. We are fondly calling this **AI-driven Recovery and Growth Dashboard, your economic predictor, the BDO Beagle, fueled by Lixar.**

## How it Works

The BDO Beagle is a data visualization dashboard that harnesses the predictive power of AI to forecast economic recovery and growth for mid-tier markets. Much like its beloved namesake, this Beagle is designed to work hard, tracking and tracing until it finds what you're looking for – in this case, long-term economic insights that are data-driven, transparent, explainable, and gained through algorithmic model accuracy. This is a game-changer for businesses that are looking to be proactive, rather than reactive. The level of predictability it offers means better short and long term planning, and stronger decision-making, to ensure that you're ready to succeed in the post-pandemic market.

**Insights come from a continuously growing field of ingestion points.** More data equals richer insights and better predictions. Moreover, it means that Lixar is doing the aggregation work for you. This is crucial because, with the high volume of data publicly available today, manually seeking it out is a tedious and time-consuming process. Not to mention, most public data is partial, and has to be analyzed in conjunction with other sources to be useful. Our goal with these dashboards is to bring together as many sources as possible, as one whole picture in one location, giving decision-makers exactly what they need, right at their fingertips.

**Once the data has been ingested, transformed, and modeled, visualized insights are made instantly available through interactive dashboards.** Data visualization is all about allowing the data to tell you a story about where you've been, where you are, and where you're going. Our dashboards allow you to explore different outcome scenarios for your industry's Revenue KPI, Forecasted Revenue, and Forecasted Revenue Correlation for your top four economic indicators. This way, you can really engage with the data, clicking through to find answers to help you make data-driven decisions that ensure you will be prepared for any outcome scenario. The BDO Beagle is a benchmark, providing access to all the knowledge you need in one place.

# Why it Brings Value

The pairing of aggregation with AI predictive models is what gives the BDO Beagle its unique value. The forecasting capabilities of mid-markets are currently based on historic, but are not predictive. As a premier data and AI company, we know that making predictions is the absolute best use of AI today, and we have the expertise and experience required to fill this gap in the market. That is our current priority — leverage data and AI to access industry predictions that will help markets better understand what recovery and growth will look like in terms of the COVID-19 impact. Ultimately, what we're building is an affordable tool for businesses that have questions about the future of their industries, given the unprecedented circumstances of COVID-19.

Our recovery and growth dashboard offers deep, relevant insights, gained through leveraging the predictive power of AI. As we continue to pull in data, the analytics will become more and more capable of accurately forecasting Canadian GDP, helping you plan more effectively for the upcoming months, and answering important questions such as:

- | When will my industry recover?
- | What will the trends and dips look like moving forward?
- | How much supply / materials should I buy?
- | How much revenue can I expect?

# Features & Benefits

PowerBI Dashboards offer **deep insights at a glance**, with easy-to-use navigation that allows you to interact directly with the data

Scenario selection allows you to view best, moderate, and worst outcomes for your industry, so that you can test your assumptions and **be prepared for anything**

AI offers **increasingly accurate predictions** that continue to strengthen overtime

Azure Cloud environment, with best-in-class components including Databricks, Data Factory, SQL Database, and PowerBI, allows for a **scalable and affordable solution**

# What's Next

**This is just the beginning.** While today's goal is to make industry predictions accessible, like any powerful AI solution, the BDO Beagle is still growing and learning. Overtime, we will be able to go even deeper, offering more personalized predictions to individual organizations. The long-term vision is to be able to give every business their own personalized economist that will help them pivot, adapt, and future-proof.

**In the coming months, we will begin rolling out the dashboards to our partners and clients.**

Now is the time to think about tomorrow — to prepare for it, and to get excited about it. If there is one thing we have all learned throughout these uncertain times, it's that we are all adaptable. As we embrace this new normal, we become stronger and more forward-thinking. Using the predictive power of AI, we can stay ahead of the curve, embrace change, and drive new technologies. The future is on its way, and we want all of us to be ready for it.