



DXC Action Analytics

Next-generation BI and analytics
accelerator

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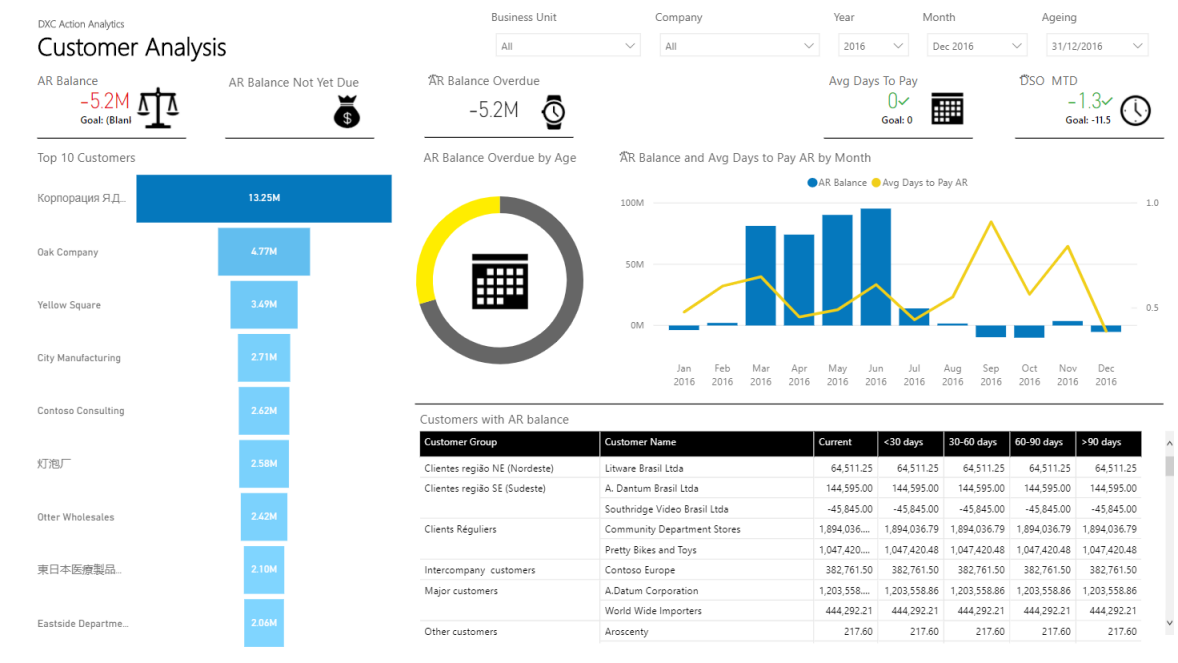
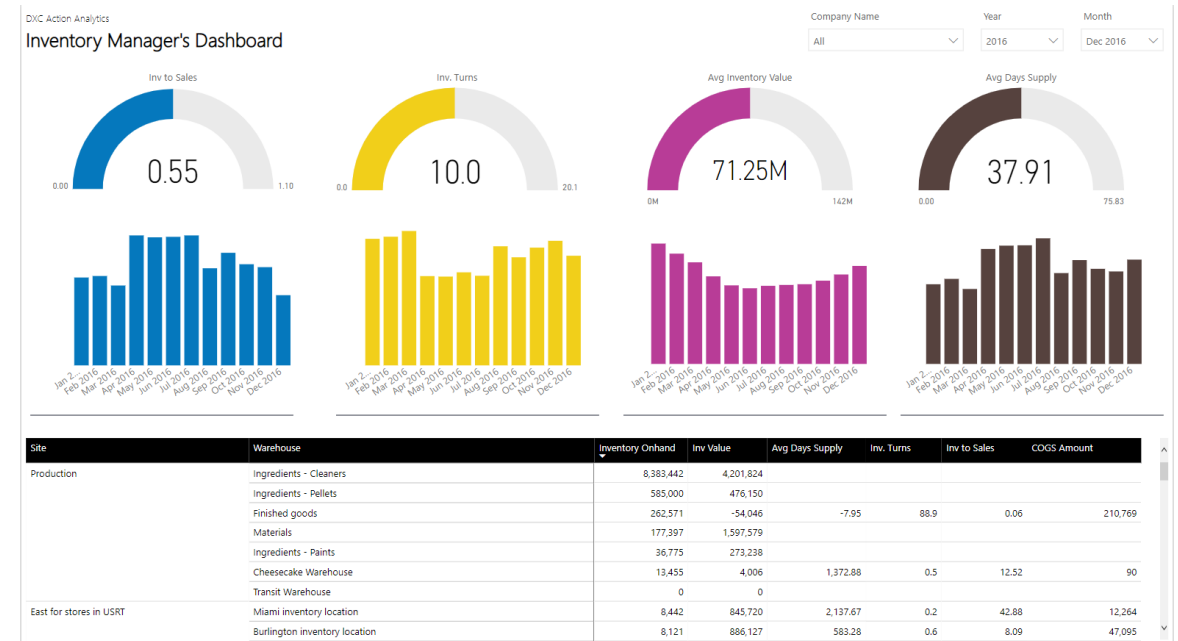
Move from descriptive reporting to predictive analytics

In 2020 the business and technology landscape is changing quickly and organisations need to find ways to respond to disruption, using data insights to recover and grow. Organisations need to effectively gather and harness the power of data and analytics to improve operational resilience, drive growth, increase margins, and revitalise products and services.

As a result, 72% of businesses identified data and analytics as the most important technology investment they would be making in the next 12 months. *

Now, more than ever, the ability to identify and understand what's happening in the moment is invaluable. And the ability to make confident decisions based on that understanding is essential for helping organisations adapt and thrive—even as circumstances change rapidly.

Organisations are becoming more data driven as they realise the importance of analytics when it comes to gaining business insight and being able to make smarter decisions faster than their competitors. They are looking for ways to get greater insights from a growing and diverse set of data sources and to create business value through deeper understanding and insight into data. On one hand, gaining insights from data should be easy, since organisations now have access to more data than ever. Information is flowing from existing internal operational systems, customer-facing systems and external datasets, such as the internet of things (IoT).



The inventory dashboard is used to manage inventory allocations and stock on hand. The AR dashboard is used to visualise and understanding outstanding customer payments, ageing and invoicing details

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Move from descriptive reporting to predictive analytics

On the other hand, bringing this data together in a way that the business can access, absorb and act on easily poses a challenge exacerbated by the fact that these data sources are siloed and in a state of constant change. To be able to analyse this data in a meaningful way, it needs to be accessible at any time, from any location and in a context that makes sense to the user and to the business. In a nutshell, this means that while organisations have more data than ever, the challenge remains how to extract business insight that will serve their goals. For businesses to be truly data-driven, they must use the information to make predictions that can result in more effective financial and business decision-making.

That's where DXC Technology comes in.

The DXC Microsoft Data and Analytics team is uniquely qualified across the full Microsoft applications stack with a depth of industry experience to maximise the time to value of near real-time business intelligence and help your business make data-driven decisions in this rapidly changing environment. DXC can also demonstrate how DXC Action Analytics has helped other businesses and provide the environment to facilitate and support internal customisations or develop more complex analytics solutions in consultation with business stakeholders.



Data in action

Taking the right approach

DXC Action Analytics, developed and delivered by DXC Technology is a next-generation BI and analytics accelerator, that offers powerful insights through templated Power BI reports and dashboards, delivered within a self-service environment, that helps you answer the right questions at the right time.

Built on a highly scalable, near real-time analytical platform, DXC Action Analytics delivers simplicity and success by packaging industry best practice metrics, intelligence and customisable dashboards so your business can break through the user adoption barrier.

The Microsoft Cortana Intelligence suite includes Power BI, Azure SQL or SQL Server DB, Azure Data Lake and Azure Machine Learning. DXC Action Analytics tightly integrates all these components into a single BI and analytics solution.

Data Extract Layer (data entities):

DXC Action Analytics data extraction layer utilises the latest Microsoft Dynamics DIXF features. The pre-built data entities are specifically designed to export your Microsoft Dynamics data rapidly and load automatically into the analytical reporting database.

Data Consolidation Layer (analytical reporting database):

DXC Action Analytics utilises Azure SQL DB to deliver an analytical reporting database that provides a single, secure and highly scalable reporting database.

Business Logic Layer (Power BI analytical model):

The DXC Action Analytics pre-built Power BI model for Microsoft Dynamics provides the business logic layer. This industry focused business logic layer is the core of the solution and holds all of the pre-built intelligence ready for immediate use.

BI Presentation Layer (Power BI):

DXC Action Analytics leverages Power BI as the BI presentation layer for the solution. This offers a modern, self-service business analytics tool that makes it easy to analyse data, share insights and monitor your business with a rich set of pre-built reports and dashboards available across any device. DXC Action Analytics offers over 250 pieces of BI content. These dashboards, reports and KPIs are delivered in industry-specific Power BI Content Packs that can be used right away.



Case Study:

Russell Mineral Equipment

Russell Mineral Equipment decided to undertake a data warehousing project to improve the company's reporting capabilities. Traditionally, sales and operational planning teams had been using a series of complex spreadsheets to manage sales forecasting and capacity planning.

Reporting was built manually using data from multiple sources and there was no centralised business intelligence solution to create analysis and insights.

Generating sales pipeline reports was a time-consuming process requiring users to use different pivot tables and data sets to extract insights, which were then reviewed manually through a cycle of meetings with global stakeholders.

Russell Mineral Equipment chose Microsoft Power BI as its new data and reporting solution because the business aligns strongly with the Microsoft vision. Microsoft Power BI is a core component of this - delivering a business analytics solution that lets users easily visualise data and quickly share insights across an organisation.

Russell Mineral Equipment's Microsoft Power BI project went live after a 22-week deployment. Initially the new solution replaced multiple spreadsheet-based reports in the sales and operational planning teams. Data virtualisation and automated data integration enabled users to generate self-service reports securely and quickly.

Fast, easy access to sales pipeline opportunity reporting increased team productivity. Data was refreshed automatically and regularly from the new warehouse, which reduced performance latency across the entire network. And the automated solution enabled Russell Mineral Equipment to reduce costs.

Consistent reporting formats based on a single common underlying data set have introduced new levels of communication and accountability across the business's domestic and international regions.

Microsoft Power BI has also enabled Russell Mineral Equipment to achieve new levels of data security, a key objective for Russell Mineral Equipment's growing international business.

“ We needed a centralised data warehouse that would let us retain historical data and plug in new data to deliver a powerful, uninterrupted view across key data sets in the business. ”

**Mark Jocusen, Program Manger,
Russell Mineral Equipment**



Near real-time business intelligence

Start your journey to better decision-making

With better access to information, your IT department is being asked to wrangle more and more data of all shapes and sizes. At the same time, you want a more agile BI approach for the business that will deliver results quickly. Start with DXC Action Analytics instead of investing large capital expenditures in development costs up front. With a range of pre-built dashboards and KPIs, DXC Action Analytics can be delivered within weeks, not months.

DXC Action Analytics is a comprehensive, advanced, single BI and analytics solution. Built entirely on Microsoft technology – including Power BI, Azure SQL and the Cortana Intelligence suite– DXC Action Analytics provides your business with a futureproof architecture. Business ready and fully aligned with your existing Microsoft business strategy, DXC Action Analytics is the right balance between corporate data governance and self-service BI.

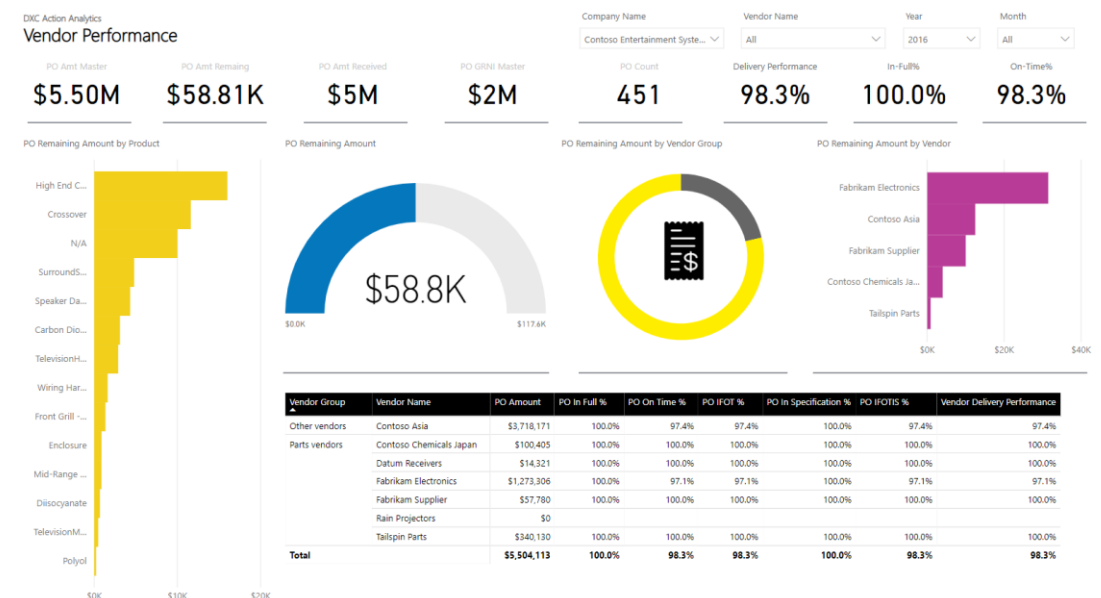
Make the most of your Microsoft Dynamics data and experience the simplicity and success of DXC Action Analytics today. Get more out of your data and evolve from simple descriptive analytics to prescriptive insight – for faster, better decision-making that will transform your business.

Our Intra-Day sales report shows the real time nature of DXC Action Analytics, with data available in reports soon after transactions occurring in the source systems. And our Vendor Delivery Performance report, showing a summarised view of purchase orders including PO stats and DIFOT.

INTRA-DAY REPORT
Friday, August 31, 2018

Organization: Contoso Retail | Calendar: Gregorian | Item Category: All | Year: All | Month: All | Date: 8/31/2018

Hour Range	1-Morning				2-Afternoon				3-Evening				4-Night				Total			
	Sales	vs Goal%	GM%	Qty	Sales	vs Goal%	GM%	Qty	Sales	vs Goal%	GM%	Qty	Sales	vs Goal%	GM%	Qty	Sales	vs Goal%	GM%	Qty
Annapolis		-100.00%			-325	-112.64%	76.82%	-1		-100.00%				-100.00%			-325	-112.64%	76.82%	-1
Atlanta	689	-94.47%	53.49%	5	1,278	-89.75%	69.22%	11		-100.00%				-100.00%			1,967	-84.21%	63.71%	16
Atlantic City	2,381	36.07%	51.36%	17	1,530	-12.57%	57.80%	11		-100.00%				-100.00%			3,910	123.50%	53.88%	28
Austin	1,962	-71.44%	56.94%	9	754	-89.02%	-0.58%	20		-100.00%				-100.00%			2,716	-60.46%	40.97%	29
Banff	135	-72.64%	61.16%	1		-100.00%				-100.00%				-100.00%			135	-72.64%	61.16%	1
Bath	210	-97.92%	59.54%	1	4,491	-55.58%	60.47%	23		-100.00%				-100.00%			4,701	-53.50%	60.43%	24
Bellevue	2,361	-15.61%	78.90%	10	352	-87.43%	50.90%	5		-100.00%				-100.00%			2,712	-3.05%	75.27%	15
Bloomington	249	-12.48%	60.98%	5	1,020	257.98%	53.62%	6		-100.00%				-100.00%			1,269	345.50%	55.07%	11
Boston	174	-41.93%	66.15%	2	1,384	362.79%	65.49%	7		-100.00%				-100.00%			1,557	420.86%	65.56%	9
Brandon	3,429	-25.29%	64.91%	20	-598	-113.03%	51.18%	-3		-100.00%				-100.00%			2,831	-38.32%	67.81%	17
Burnaby	75	-99.42%	134.64%	7	3,520	-72.57%	48.28%	17		-100.00%				-100.00%			3,595	-71.99%	50.07%	24
Calgary	1,114	-80.57%	65.58%	5	6,067	5.83%	66.07%	27		-100.00%				-100.00%			7,181	25.27%	66.00%	32
Cambridge	188	-95.30%	33.34%	2	1,151	-71.15%	61.75%	8		-100.00%				-100.00%			1,339	-66.45%	57.77%	10
Chicago	-115	-103.08%	122.10%	2	1,940	-48.09%	63.36%	11		-100.00%				-100.00%			1,825	-51.17%	59.66%	13
Cincinnati	211	-88.97%	63.95%	4	802	-58.03%	72.72%	6		-100.00%				-100.00%			1,013	-46.99%	70.89%	10
Columbia		-100.00%			486	333.68%	67.96%	3		-100.00%				-100.00%			486	333.68%	67.96%	3
Contoso Online		-100.00%			-5,785	-123.90%	56.35%	-38		-100.00%				-100.00%			-5,785	-123.90%	56.35%	-38
Dartmouth	234	-92.38%	69.46%	2	4,667	51.84%	62.04%	23		-100.00%				-100.00%			4,902	59.46%	62.40%	25
Georgetown	662	-89.15%	59.91%	5	3,109	-49.06%	53.51%	28		-100.00%				-100.00%			3,772	-38.21%	54.63%	33



DXC Action Analytics

A compelling reason for action

About DXC Technology

DXC Technology (NYSE: DXC) helps global companies run their mission-critical systems and operations while modernizing IT, optimizing data architectures, and ensuring security and scalability across public, private and hybrid clouds. The world's largest companies and public sector organizations trust DXC to deploy services across the Enterprise Technology Stack to drive new levels of performance, competitiveness, and customer experience. Learn more about how we deliver excellence for our customers and colleagues at www.dxc.com.

For more information visit www.dxc.com/au/en/practices/microsoft

Contact: AU 1300 660 471

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