



**data-driven ai**

# Service Catalogue

APAC 2020

Gold  
Microsoft Partner



Data Analytics  
Data Platform



# Who We Are

Data-Driven AI is a Microsoft Gold Partner specialising in advanced analytics consulting and building modern data platforms for our customers.

We deliver innovative data and AI solutions to help organisations build a data-driven culture and empower their business decisions with insights.

Gold  
**Microsoft Partner**



Data Analytics

Data Platform

Founders of the Sydney



Driving business value with data



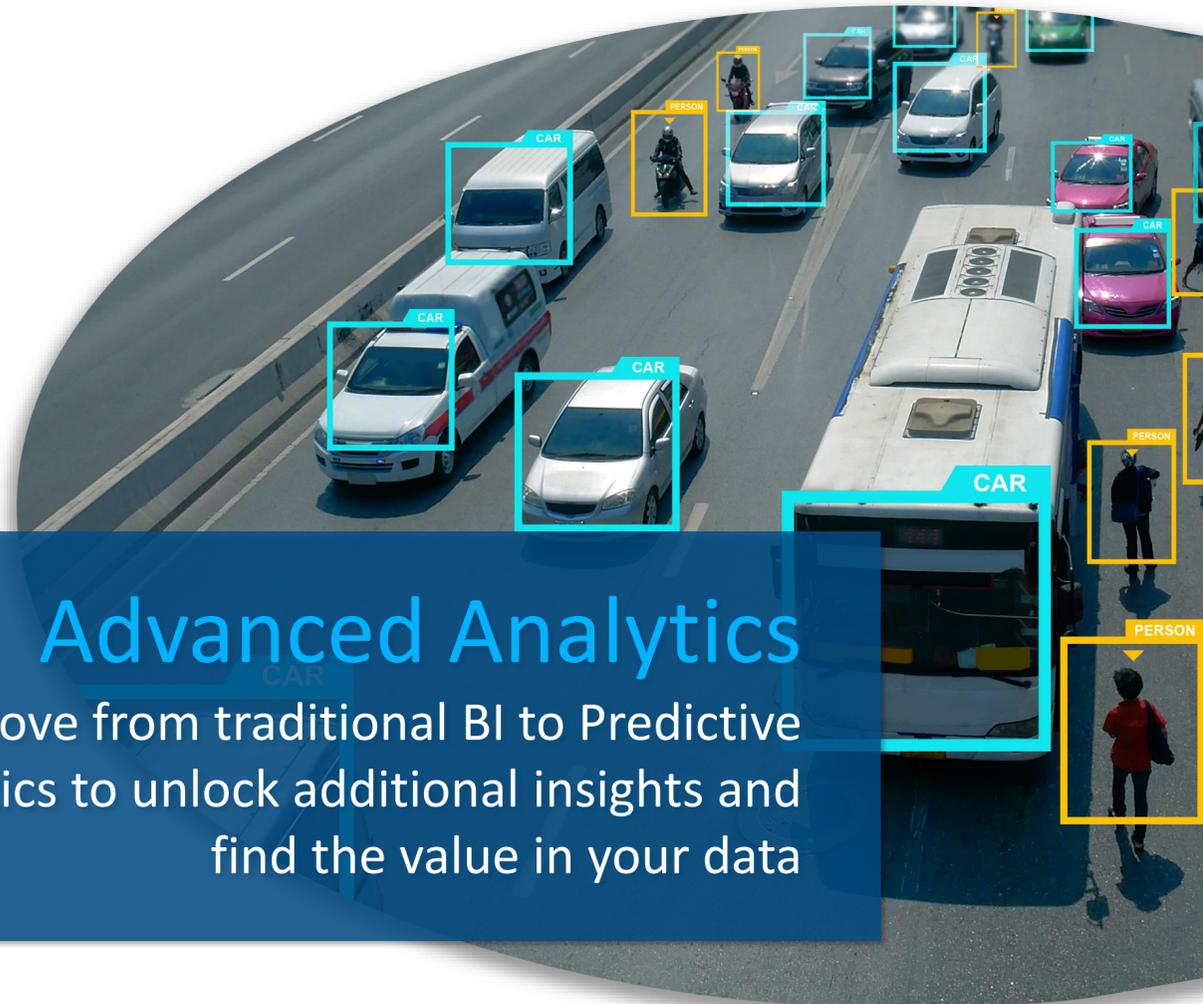
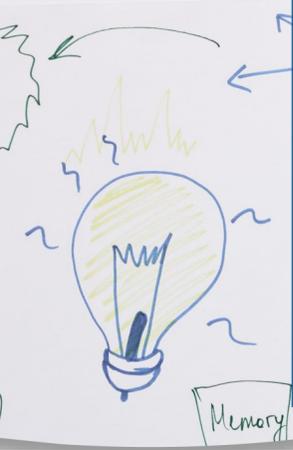
# What We Do

End-to-end data and AI consulting services



## Data Strategy

Assess your current data estate/analytical requirements and define a strategic roadmap to achieve your goals on time and on budget



## Advanced Analytics

Move from traditional BI to Predictive Analytics to unlock additional insights and find the value in your data



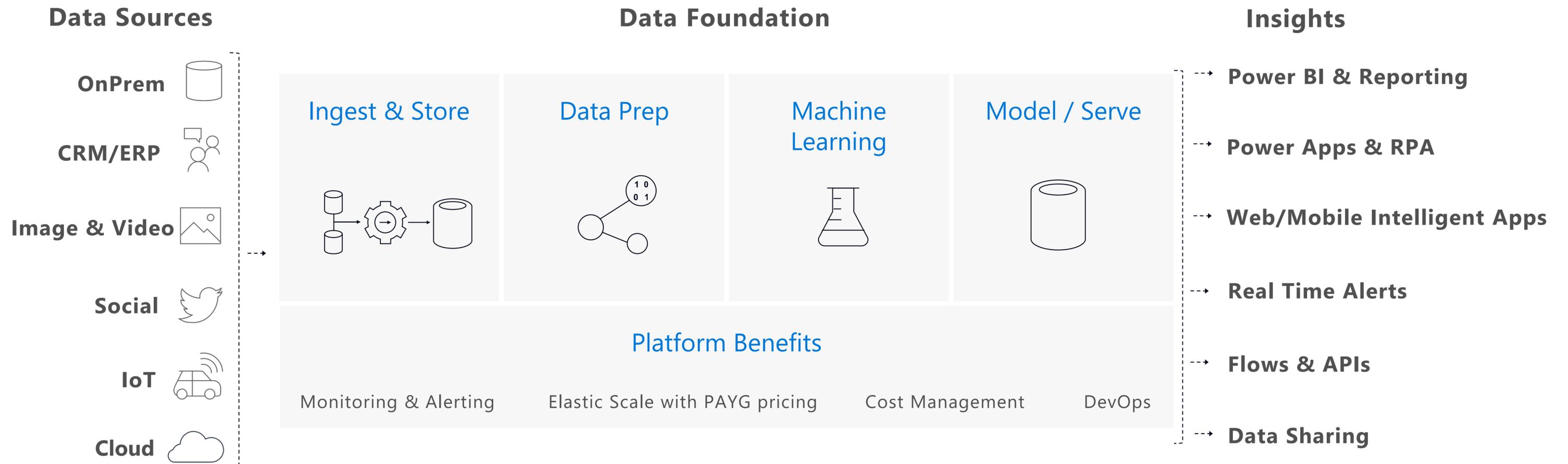
## Digital Transformation

Accelerate your business transformation with our proven methodologies, process automation and modern data platforms



# We Build Modern Data Platforms

Ready for Machine Learning, IoT or streaming and capable of handling any type of data!





# Our Services

We provide end-to-end consulting services to assist you on your data journey at any stage



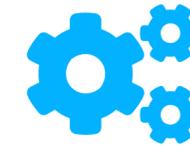
## Data Strategy

Empower your business to adapt to ever-changing market conditions with strategic guidance



## Modern Data Platforms

A modularised, extensible platform capable of delivering advanced analytics on any type of data while you focus on your business



## Intelligent Process Automation

We use machine learning and RPA to automate repetitive and manual tasks to reduce overheads and streamline processes



## Cost Optimisation

We provide insights, preventative measures, cost governance and recommendations to reduce your operational cloud spend



## Power BI Reporting

Extract insights and understand your business better with interactive dashboards and operational reporting



## Data Science

ML enablement: explore your data to create additional revenue streams with the power of Data Science



# Why Data-Driven AI?

Our proven methodologies accelerate the implementation and adoption of Advanced Analytics in your organisation



## Outcomes Focused

We believe all projects should focus on delivering real business value. Start with the business problem and work backwards with technology to solve it



## Personal Experience

We are not a body-shop nor do we oversell. We'll provide a personal, hands-on approach to deliver your solution working with your business team



## Technical Expertise

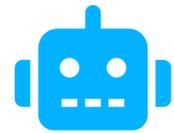
Our consultants are amongst the best in the market, quite simply. We find the technical gurus who can communicate with stakeholders efficiently



# Our Projects

Here's a selection of some of our more creative projects that we've delivered for our customers

## Government / Insurance



### AI Triage Bot

#### PROBLEM

Support teams are overwhelmed with new incidents and triaging them requires time and effort. Incidents are not ranked in order of priority.

#### SOLUTION

An AI-driven bot to triage incidents automatically by priority using Natural Language Processing.

#### BUSINESS VALUE

A significant reduction in effort and time required by staff with the ability to process hundreds of incidents simultaneously.  
Improved accuracy and efficiency by minimizing human errors.  
Freed up staff to focus on more valuable work.

## IoT / Agg-Tech



### Data Foundation & Reporting

#### PROBLEM

Agriculture is at the mercy of natural elements and have little time to react to natural events. This can result in loss of crops and reduced output.

#### SOLUTION

An analytics platform to capture sensor IoT data with real-time reporting compared to historical averages.

#### BUSINESS VALUE

Improved accuracy and frequency of information in order to plan around unforeseen events such as weather events, natural disasters etc.  
This enabled better decision-making, resulting in a significant cost saving while lowering risk of losses to crops.

## Mining / Asset Management



### Data Foundation & Analytics

#### PROBLEM

Vehicles and equipment on mine sites are expensive to maintain and any unplanned downtime results in a break in the production chain and large costs.

#### SOLUTION

Capture telemetry from mine site equipment to provide analytics on failures whilst minimising downtime.

#### BUSINESS VALUE

Large cost savings by reducing the unplanned breakdowns and optimised service schedules resulted a significant reduction in unplanned equipment downtime.  
This improved efficiency in mining operations with less interruptions.



# Our Approach

Our tried and tested Agile approach involves the business users from the start in a rapid feedback loop to quickly add value

## Discovery Workshops

We hold workshops with the business to work backwards from the problem & understand requirements

## Feedback and Enhance

We capture feedback from the users of the platform to improve and enhance the solution

## Handover & Documentation

We provide extensive system documentation as well as guides on how to maintain and manage your new platform



## Strategy & Roadmap

We put together a plan on where you are and where you need to be, as well as how to get there

## Solution Design

We propose a solution using modern cloud technology that adheres to your architecture guidelines

## Implementation & Testing

We use agile sprints, daily stand ups and a quick feedback loop during development to ensure the outcome matches the expectation



# Powered by native Azure technology

Our core solutions use best-of-breed technology to give you huge scale, security and availability so you can focus on your business



Azure DevOps



Azure  
Synapse  
Analytics



Azure Machine Learning



**databricks**<sup>®</sup>



**DELTA LAKE**



Power BI



PowerApps



# Customer Case Study

Cloud Spend Optimisation & Cost Management



## Clinic to Cloud

Clinic to Cloud is a cloud-based medical software that provides Australian healthcare teams with greater visibility and control - to ultimately improve patient care. Clinic to Cloud has invested in technology which help clinicians reduce costs, increase access to information and provide improved patient care - <https://www.clinictocloud.com/>

## The Problem

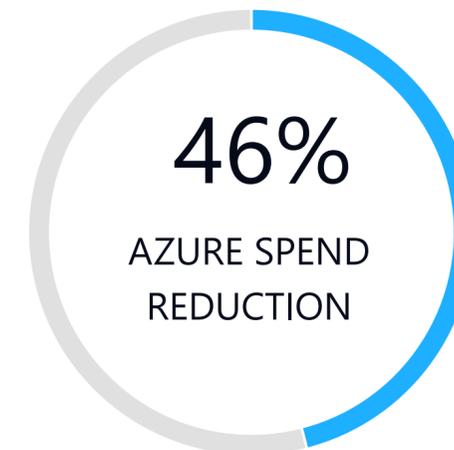
After a period of increased growth and additional customers the costs on the Azure platform increased significantly as more developers worked on the system.

This resulted in a large Azure bill each month which increased over time. In addition to this the DevOps solution needed to be updated to match recent platform enhancements.

## The Solution & Business Value

We identified under-utilised resources and recommended a series of actions to remove or scale down services in order of benefit and risk.

Over a 2-week period we implemented and measured the changes to ensure the system performance remained unaffected. This resulted in a **46% reduction in Azure spend** and better awareness amongst the development team of their actions regarding costs.



“ Data-Driven did a comprehensive audit of our Azure infrastructure and DevOps processes. They identified and improved several areas, saving our company thousands of dollars each month in subscription costs. ”

**Rafic Habib, CEO**

# Let's have a chat about your data...

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GET IN TOUCH TODAY:

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 <https://data-driven.ai>