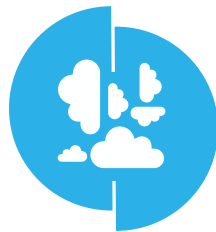


Delivering Science with Maven Wave and Google Cloud

Executive Briefing



Are you facing any of these challenges?



DIGITAL UNCERTAINTY

Are you feeling the pressure of using data science but **without a framework** of what should be the real "outcome"?

OPERATIONAL CHALLENGE

Are you **leveraging cloud and data science** to its full potential ?

TEAM BARRIERS

Is it difficult to **assemble the right team** for your data science initiatives?

Maven Wave and Google: Enable Your Tomorrow, Today

Create Exponential Value through Exponential Thinking

Mavens want to help navigate the path and Google Cloud as your platform, you'll create something different – not just better.

Embrace Experimentation and Rapid Learning

You can design and manage a portfolio of experiments – maximizing your discoveries and increasing the likelihood of breakout success.

VALUE

TEAMS



Maven Wave™



Google Cloud

DISCOVERIES

OUTCOMES

Master the Problem Space with Multi-Disciplinary Teams

Together, we'll hand-pick the right team with the right blend of skills for your initiative. You'll accomplish more – more quickly – with an exceptional few.

Invest in Outcomes, Not Projects

Success demands customer discovery, not rigidly defined projects. With Maven Wave and Google, your agile endeavors can produce exponential outcomes.



Applying data science to your business

Maven Wave evaluates their **data science platform** across **6 dimensions**. Our delivery methodology is rooted in consulting principles. We combine best in class consulting and cloud platform, to bring science to life, at scale.



Business Readiness

Understand viability. We evaluate return on investment, time to market, staffing, technology and overall alignment with business.



Data Engineering

Building processes to keep data relevant, clean, searchable on a continuous basis is the key to delivering science with success.



Team Management

Work to create a multidisciplinary approach and team, which is fundamental to iterative problem solving.



Data Science

Onboard onto a high capacity platform to run data science at speed that takes advantage of elastic infrastructure.



Process Management

Identify key processes in your current use case and evaluate how these will need to change as a result of the new framework



Science Deployment

Automate the delivery process. Bridge the gap between science and operations by combining our devops experience with data science process.

A pragmatic approach to data science delivery

Step 1 Assess

We use our Data Describe program to look at the data and find its directional predictive power

Step 2 Plan

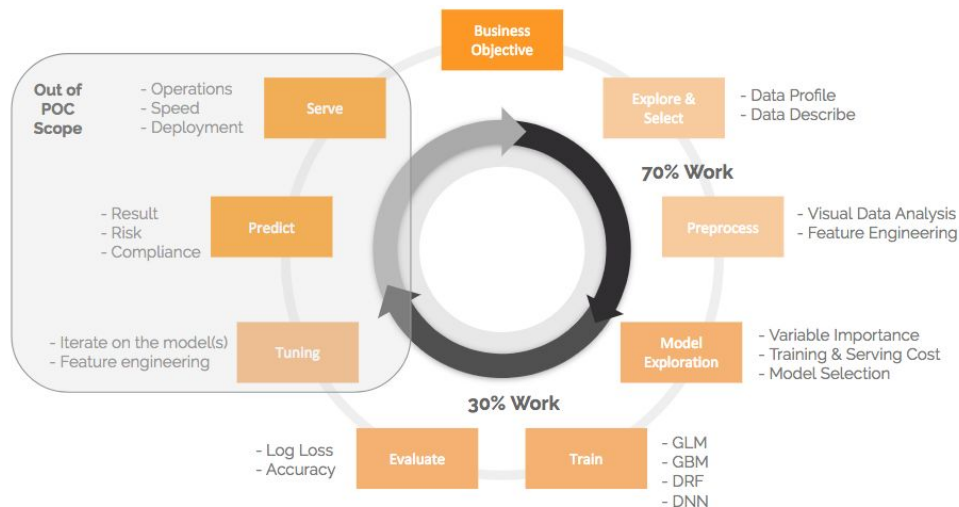
Assess organizational readiness and create a plan to address gaps

Step 3 Scale

Build a scalable platform to enable science delivery in a commercial setting

Step 1 - Assess: Explore data and baseline with Auto ML

Why the assess phase is valuable:



1

Data analysis & preparation

2

Machine learning modeling

3

Result evaluation and recommendations

The assess phase allows the org to shore up any challenges with the existing data, acquisition strategy and ML models

Step 2 - Plan: Respond to organizational gaps



Why the plan phase is valuable:

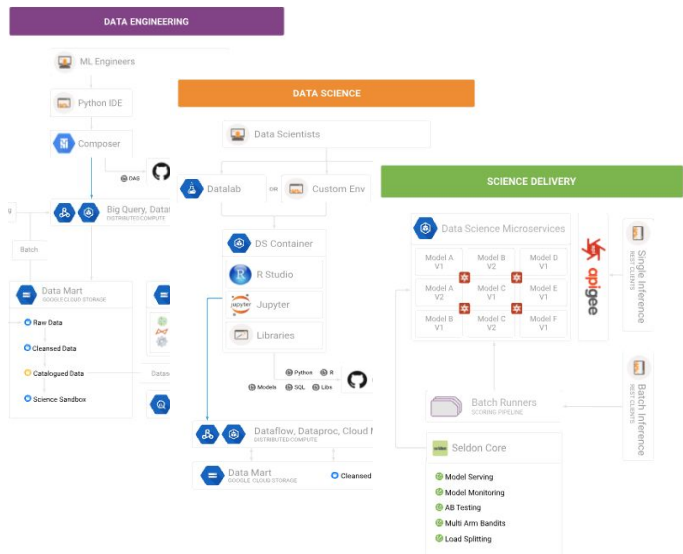
- 1 Benchmark current state against best practices
- 2 ML Workshop & Brainstorming to identify additional use cases
- 3 Use case driven roadmap to operationalizing data science
- 4 Data Science team structure and skills recommendations

The plan phase will allow the organization ability to quickly assess organizational gaps while also providing a tailored roadmap to accelerate the time to market

Step 3 - Scale: Launch the data science platform in production using a repeatable framework

Why the scale phase is valuable:

- 1 Build out scalable infrastructure to train and serve ML models.
- 2 Create a platform that allows repeatability and growth into other business use cases
- 3 Use modern delivery practices to deliver science in a reliable and secure manner



The scale phase allows organization the ability to operationalize the data science platform to create a production-ready system



Active Pursuits

Healthcare



Nicklaus Children's
Health System



Manufacturing



Manufacturing



[MWG]
[Michigan]
[National]



DTE Energy
Foundation