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The Future of Data and Analytics is Cloud!

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Analytics & AI is the #1 investment for business leaders, however they struggle to maximize ROI

80%

of respondents say their organisations are struggling to become mature users of data and analytics

55%

Of organisations name data silos and data management difficulties as the biggest challenges to data and analytics strategies

60%

of respondents say their embarking on going cloud with their Analytics Platforms, Data management, Data lakes

** Harvard Business Review (2019), Understanding why analytics strategies fall short for some, but not for others*

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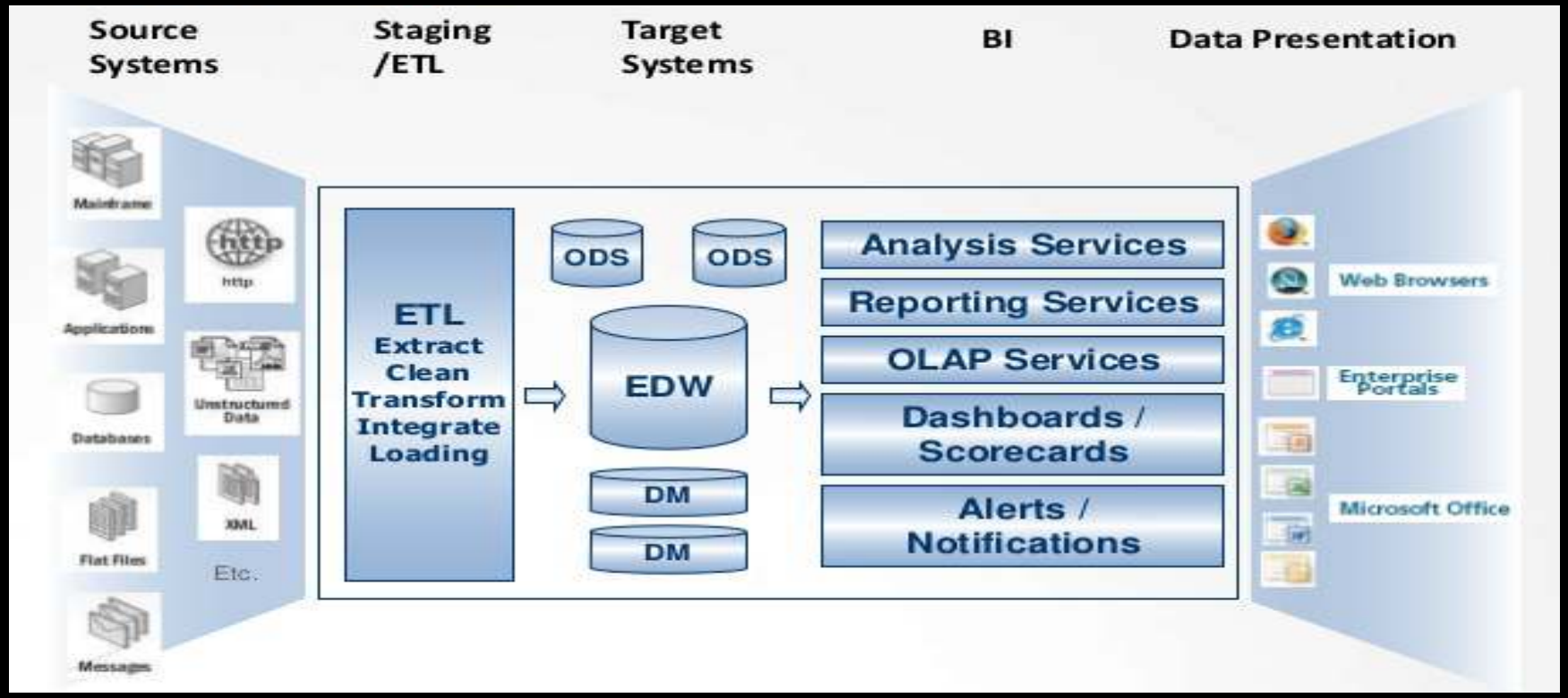
The Evolution of Data & Analytics

Analytics 1.0

Need for business intelligence

Analytics 1.0

Need for business intelligence



**Traditional Business Intelligence Architecture*

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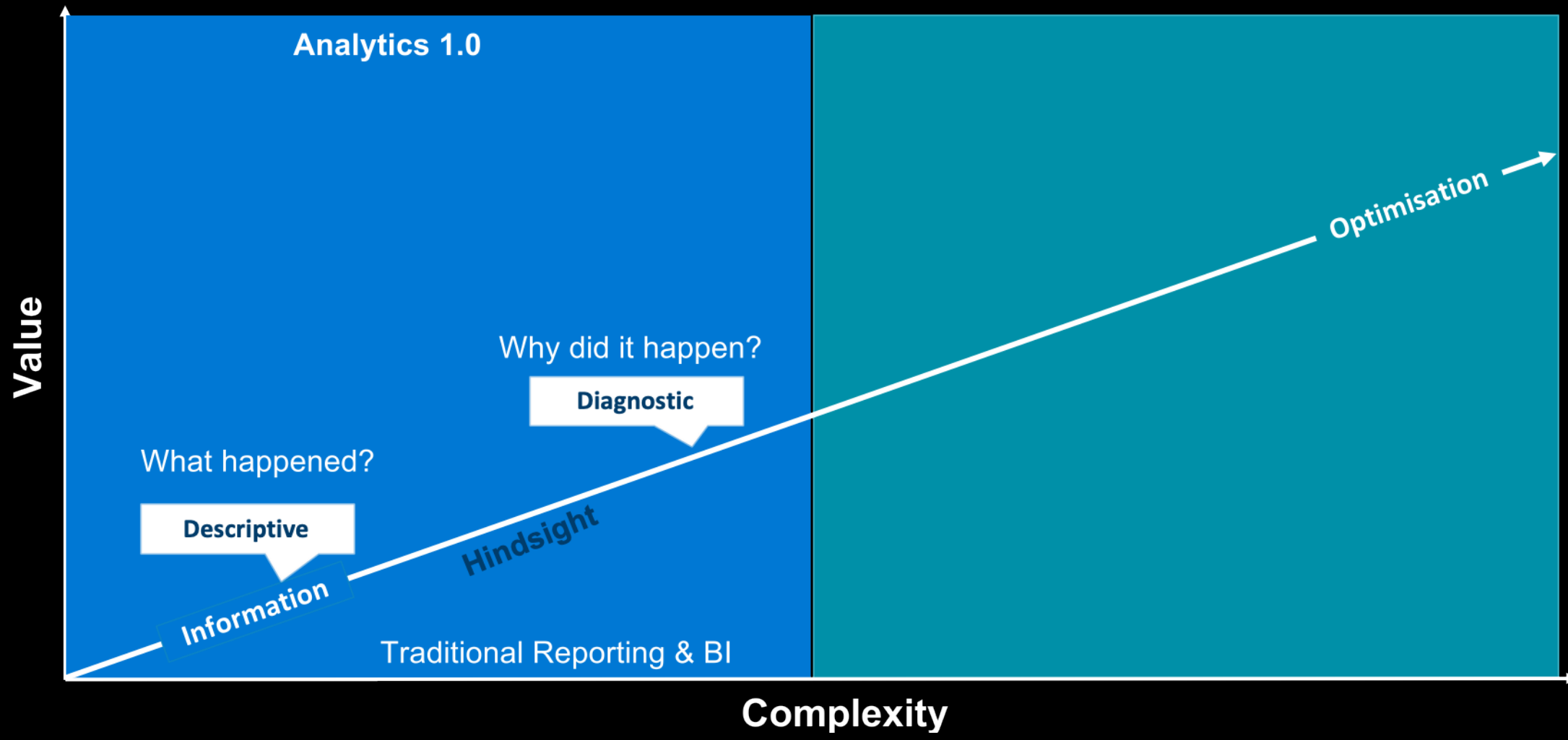
Analytics 1.0

Need for business intelligence



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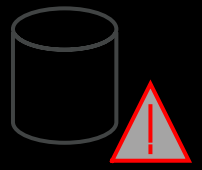
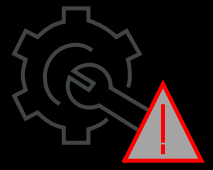
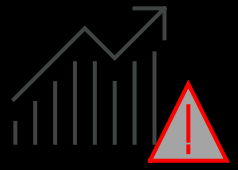
Analytics 1.0

Need for business intelligence

Data Silos	Performance Constraints	Solution Complexity	Escalating Costs
			

Common challenges with On-Prem analytics solutions

**Common Challenges with the On-prem analytics solutions*

The Evolution of Data & Analytics

Analytics 1.0

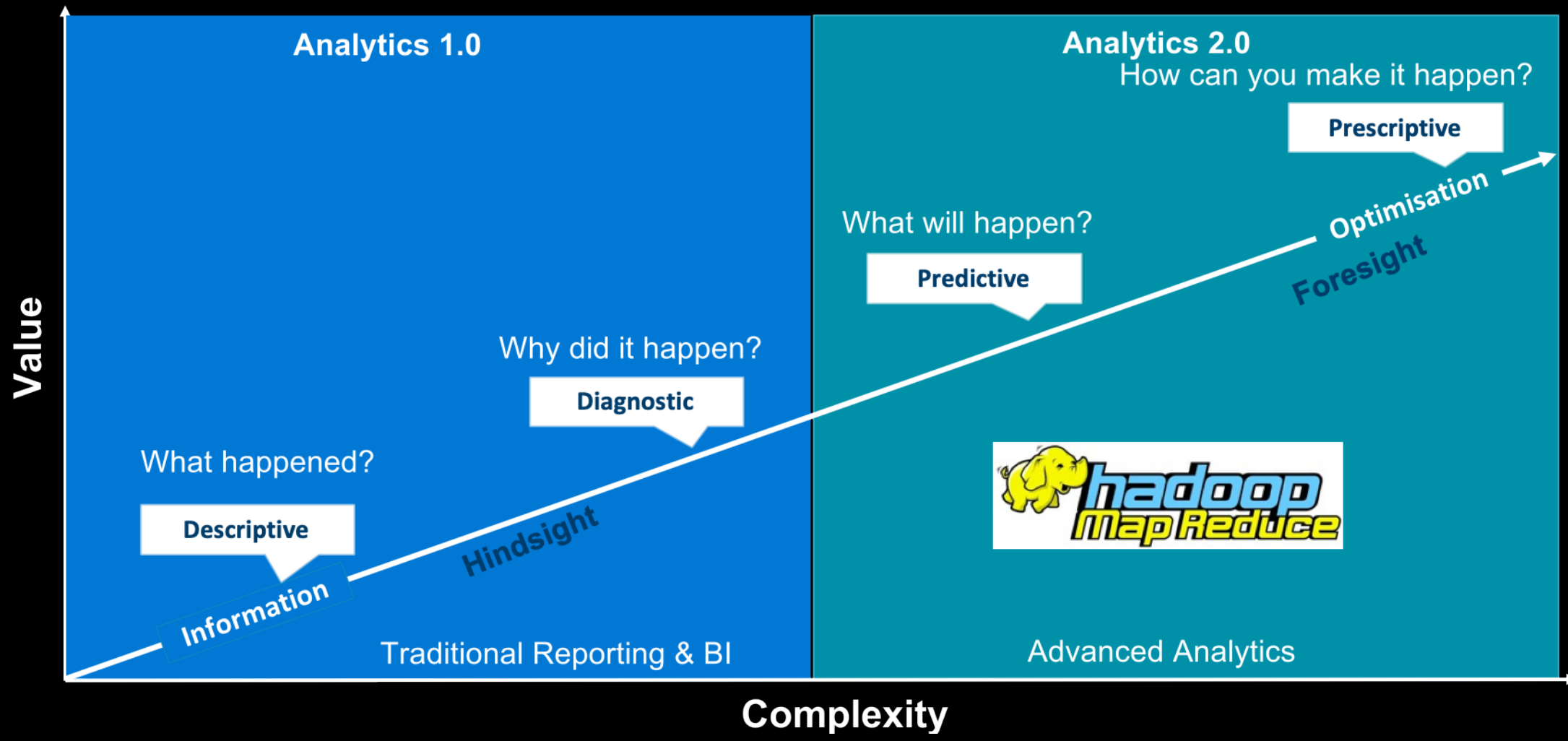
Need for business intelligence

Analytics 2.0

Big Data

Analytics 2.0

Big Data



The Evolution of Data & Analytics

Analytics 1.0

Need for business intelligence

Analytics 2.0

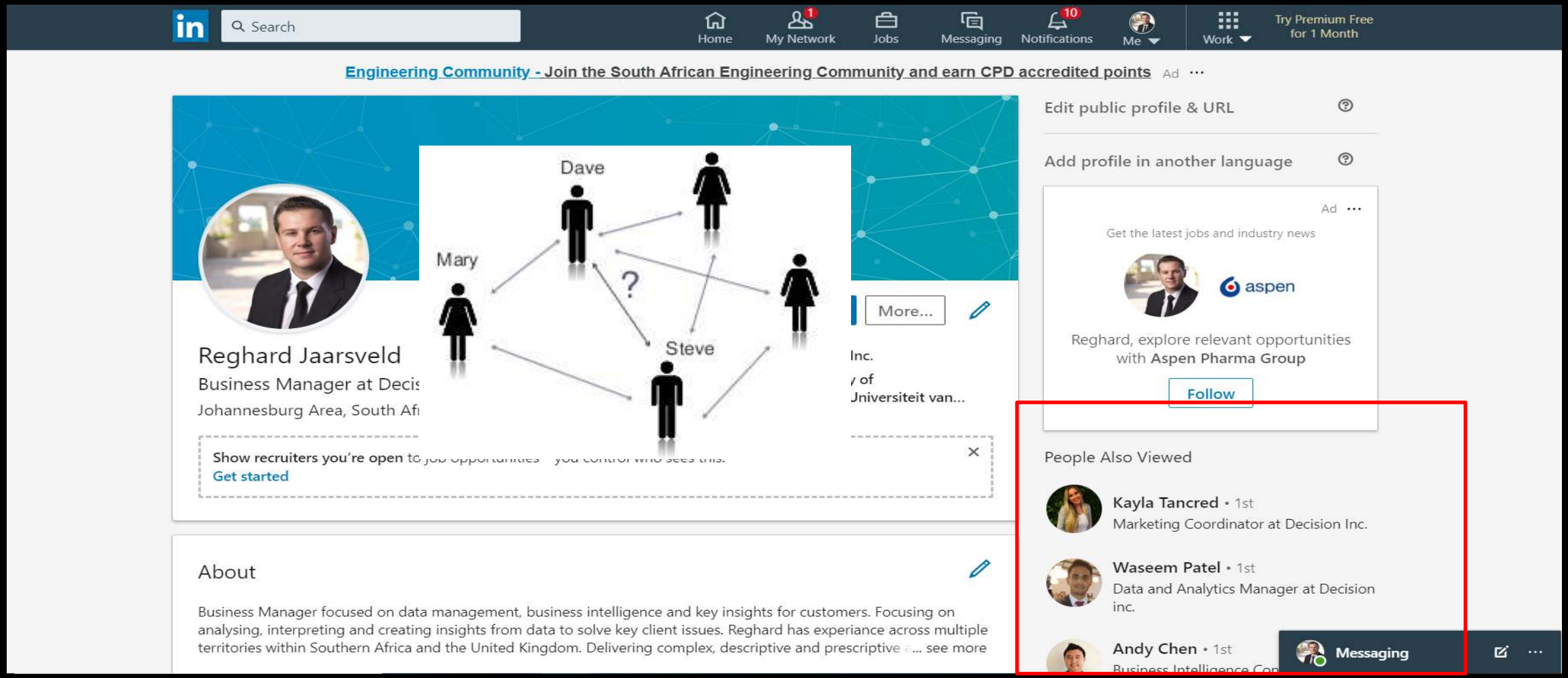
Big Data

Analytics 3.0

Data Enriched Offerings

Analytics 3.0

Data Enriched Offering



The Evolution of Data & Analytics

Analytics 1.0

Need for business intelligence

Analytics 2.0

Big Data

Analytics 3.0

Data Enriched Offerings

Analytics 4.0

Automated Capabilities

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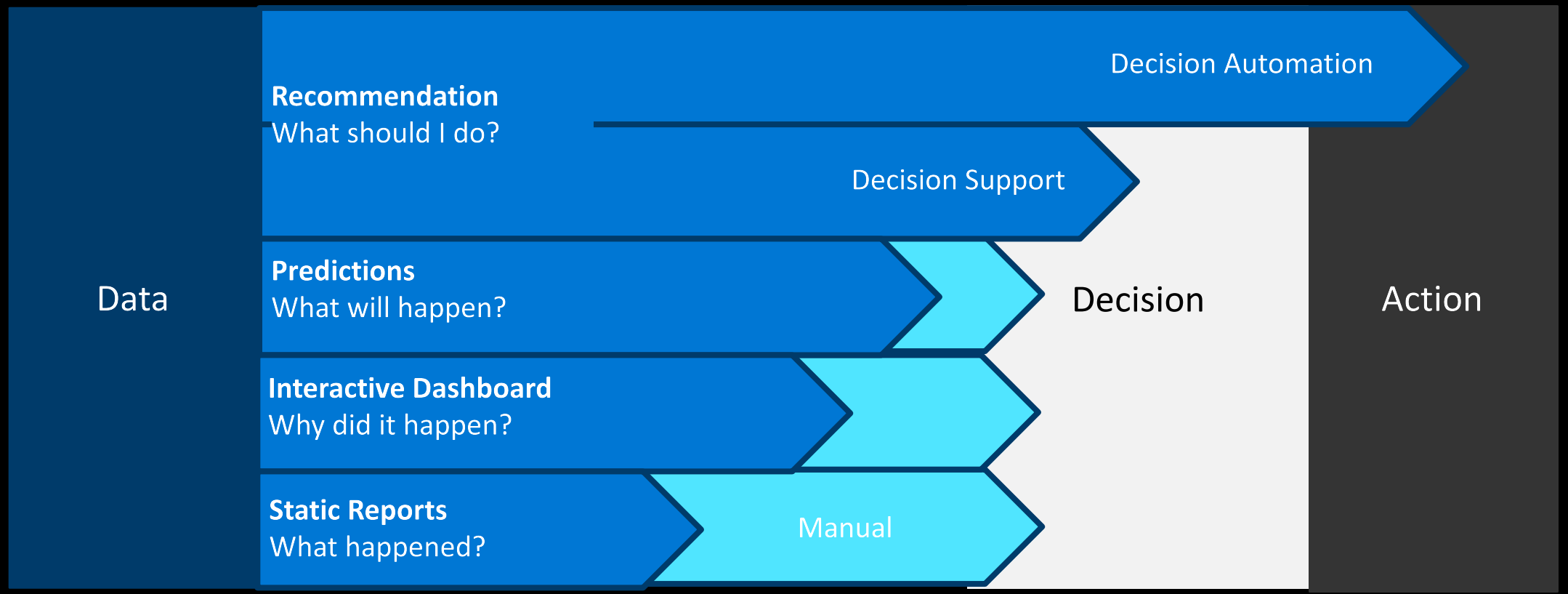
Analytics 4.0

Automated Capabilities



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The Evolution of Data & Analytics

Analytics 1.0

Need for business intelligence

Analytics 2.0

Big Data

Analytics 3.0

Data Enriched Offerings

Analytics 4.0

Automated Capabilities

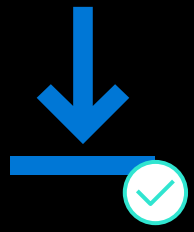
Derive real value from your data in the cloud

One hub for all data

Unlimited data scale

Common Platform

Lower TCO



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Considering Cloud for Data and Analytics?

Choose an end-to-end Analytics solution

Can your analytics solution move data seamlessly from ingestion, to analysis, to visualisation?

Improve the cost effectiveness of your analytics solution

Are you paying for compute resources you're not actively using?

Collaborate with Data & Analytics

How do you get data insights to technical and non-technical users across your organisation?

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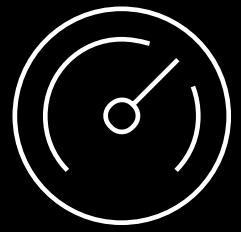
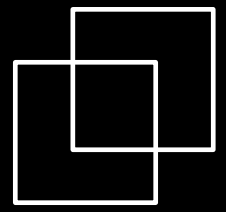
The modern cloud data estate enables us organisations



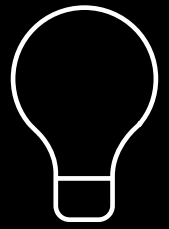
Productive

Accelerate time to market



Hybrid

Optimize your infrastructure



Intelligent

Innovate at scale

Trusted

Develop with confidence

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The Big Decision

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Understanding the Microsoft portfolio for Big Data and Advanced Analytics

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Engage customers
Empower employees
Intelligent
Data & AI
Systems & Experiences
Optimize operations
Transform products
Digital Feedback Loop

What is Azure?

Edge Devices

Azure Stack Hub | Azure Stack Edge | Azure Sphere | Azure Kinect | HoloLens

Serverless

Web
Mobile
Mixed Reality
Containers
Events + Integration

Databases
Analytics
AI + Machine Learning
Internet of Things
Media

Infrastructure

Compute | Networking | Storage | Security | Identity

Tools

Visual Studio
GitHub
Power Apps
Power BI

Azure Analytics Services

- Azure IoT Hub
- Azure Event Hub
- Kafka on HDInsight
- Azure Data Factory
- Azure Databricks (Data prep)
- Azure Data Explorer

- Azure Synapse Analytics (Data Warehouse)
- Azure Databricks (Data prep)
- HDInsight
- Azure Machine Learning
- Azure Stream Analytics

- Azure Analysis Services
- Power BI

- Azure Data Lake Storage
- Azure NetApp Files
- Azure Data Share

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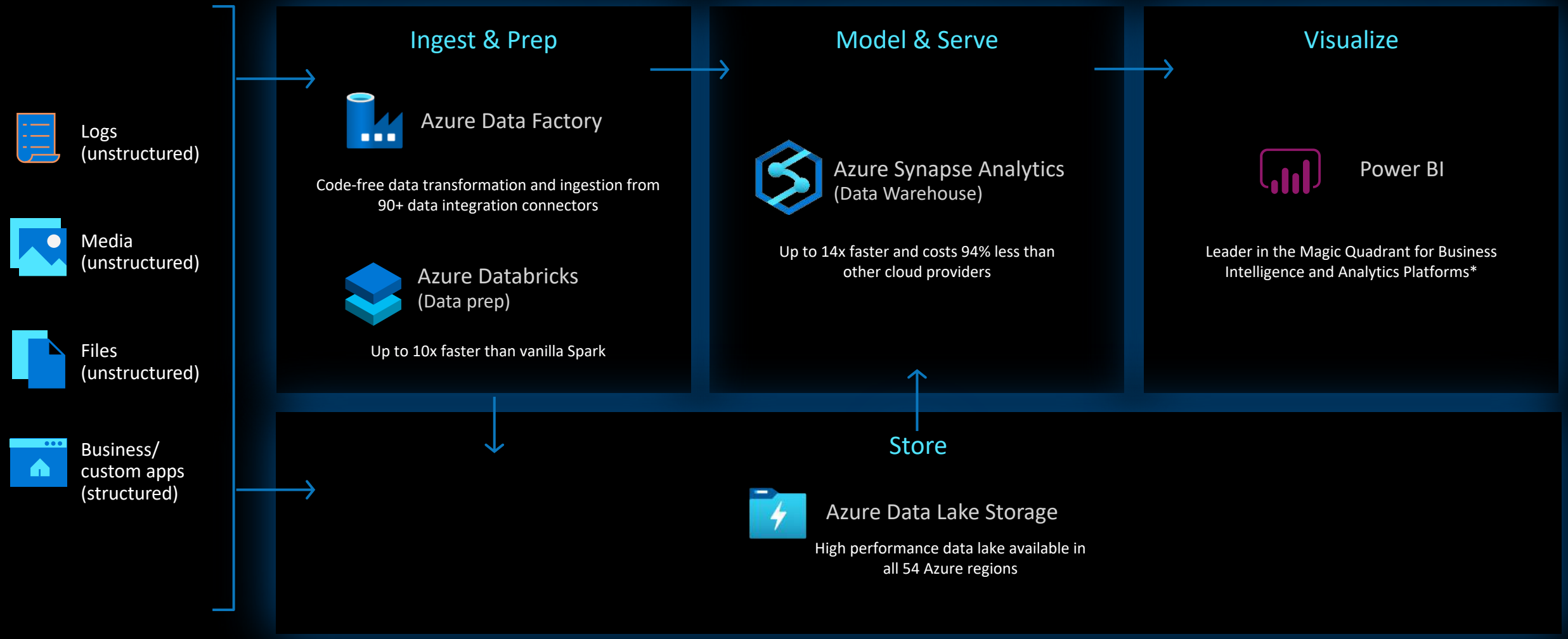
Modern Data Warehouse



Azure Analytics customers

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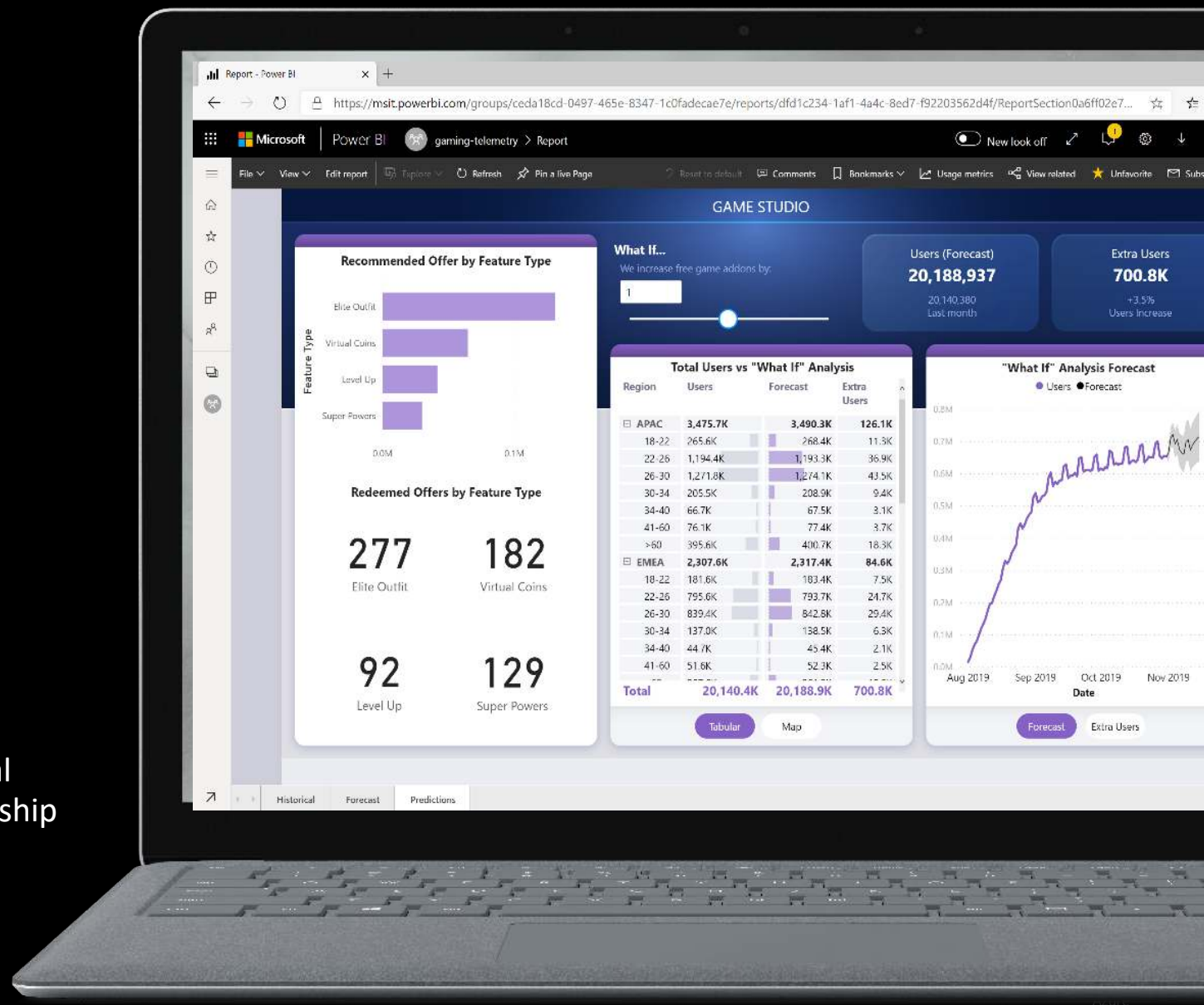
Maximize ROI with Azure Analytics and Power BI

271% Average ROI

60%
Increased customer satisfaction

27%
Faster time to insights

26%
Lower total cost of ownership



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** Forrester, October 2019, "The Total Economic Impact of Microsoft Azure Analytics with Power BI"*

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Need help with you cloud data and analytics strategy? Get In Touch!

Reghard van Jaarsveld

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r.vanjaarsveld@decisioninc.com