Data Estate Modernization

Assess Implement Migrate Insights Innovate

Data & Analytics Business Roadmap

- Analyze Capabilities, Data/App Landscape
- Rationalize Sources, App Lifecycle, Tools
- Prioritize Enterprise Architecture, Initiatives
- Advise on Projects, Resources & Budgets

Business Scenarios & Platform Deployment

- Develop Cloud App and Data Infrastructure
- Deploy Sandboxes for quick win Use Cases
- Implement Adjusted Workflows and Train
- Iterate as new Insights Influence the Roadmap

Elevate Services

- Rehost Workloads and Apps in the Cloud
- Rearchitect Services for Leaner Operation
- Deprecate defunct tools and processes
- Validate performance gains and test features

Business Intelligence & Visualizations

- Leverage data models built with analytics and data science in mind
- reporting capabilities
- Manage enterprise grade analytics with the support of experts

Data Science and AI

- Accelerate time to value with our leading analytics solutions
- Automate existing data flows with cognitive services and AI
- **Differentiate** from the competition

Enterprise Project Management Organization

Digital Transformation Management Consulting

Security and Data Governance Compliance



Developing A Data Platform Roadmap

Assess

Implement

Migrate

Insights

Innovate

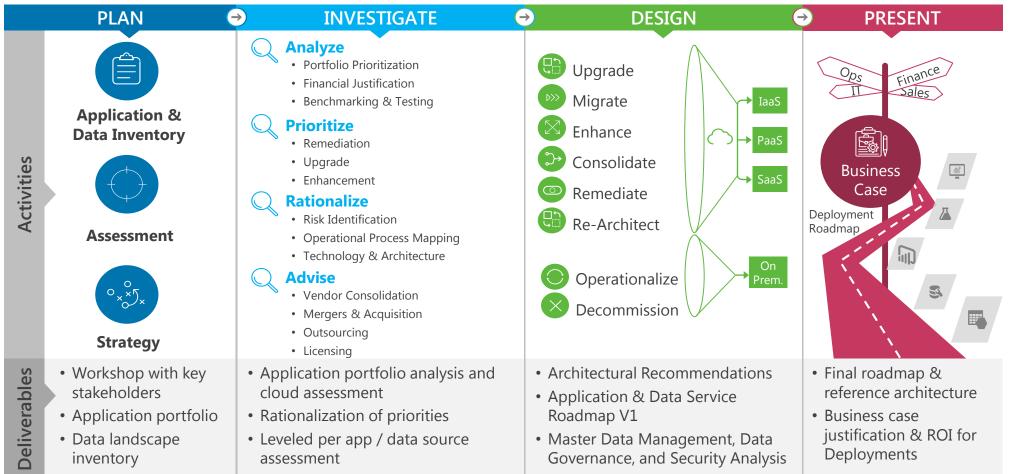












Developing A Data Platform Roadmap

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Application portfolio

Data landscape

inventory



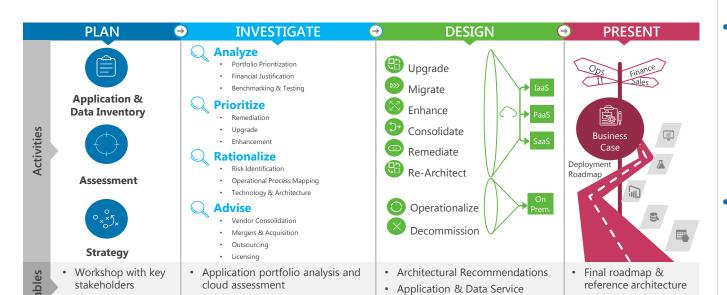


Business case justification & ROI for

Deployments







Roadmap V1

· Master Data Management, Data

Governance, and Security Analysis

Rationalization of priorities

assessment

Leveled per app / data source

Building an Informed Roadmap

- Key Customer Challenges
 - Existing data strategy is dated or missing
 - Cloud ROI is not clear or easily attained
 - AI is desired but the data won't support it
 - Leadership and IT can't agree on a vision
- Outcomes
 - Clearly defined data strategy supporting business objectives
 - Architecture and migration plan for priority workloads
 - Portfolio analysis and app inventory



Cloud/Hybrid Cloud Deployment Methodology

Assess

Implement

Migrate

Insights

Innovate



Architecture







Deploy

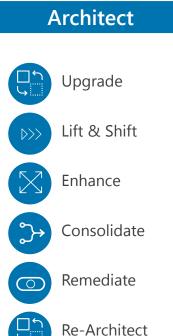
Security



Craft Analyze Urgency Financial Improvement **Prioritize** Ħ Growth Redundancy Retirement Investigate



Resourcing Scope of Work



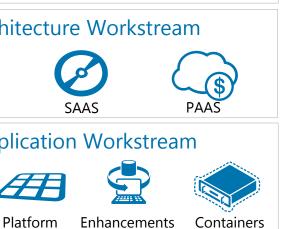




Test

Governance Workstream

Runbooks



Compliance



Manage & Run



Enterprise Data Management



Enterprise **Application** Management





Application Workstream









Cloud/Hybrid Cloud Deployment Methodology

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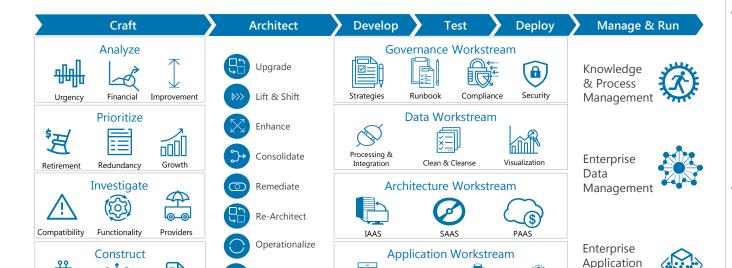




Management







Enhancements

Decommission

Implementing a Modern Digital Platform

- Key Customer Challenges
 - Roadmap to the cloud is convoluted
 - Multi-cloud deployments are complex
 - Priorities for migration are unclear
 - Existing platforms are underperforming
- Outcomes
 - Robust architecture for future use cases
 - Infrastructure deployed on Azure
 - Knowledge transfer for cloud IT roles
 - Cost effective hosting of Data & Apps
 - Migration roadmap for priority workloads



Migrating Data and Apps to the Microsoft Cloud

Assess

Implement

Migrate

Insights

Innovate











Evaluate Business Case

















Prioritized Workloads













Migration of Data and App Environments

Cloud Infrastructure Deployment







Cloud Service



Logic **Apps**



Sets





Leverage Tooling for Movement and Processing of Data



Data Lake









Azure Functions



Data Migration Service

Enact Appropriate Migration Strategies







Rebuild



Refactor



Replace



Consolidate



Revise

Cloud Data Stewardship



Security Monitoring



Keys & Identity Management



CICD/ **DevOps**





Cloud Resource Consumption



Auditing & Logging

Security and Data Governance Compliance



Migrating Data and Apps to the Microsoft Cloud

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Evaluate Business Case







Cloud Data Stewardship



Security and Data Governance Compliance

Moving to a Cloud/Hybrid Digital Platform

Key Customer Challenges

- Legacy infrastructure is slow and costly
- Current platform has limited capabilities
- Hardware management is time consuming
- Data models are fragmented and isolated

Outcomes

- Lower total cost of ownership for IT
- Advanced capability sets from cloud tools
- Data consolidated into a lake/warehouse
- Improved DevOps and Stewardship
- Easily scalable infrastructure for the future



Developing Enterprise BI & Visualization Capabilities

Assess

Implement

Migrate

Insights

Innovate











Evaluate Data Maturity



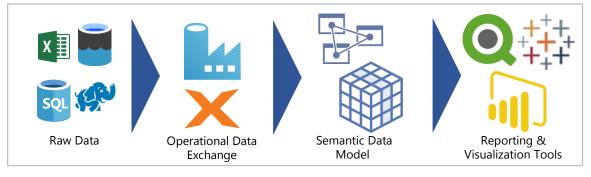
Prioritize Use Cases



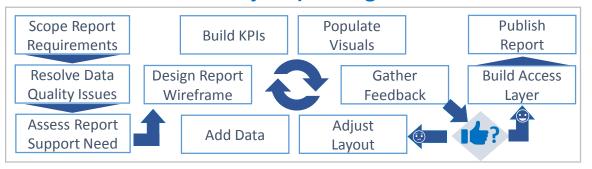
Architect BI Pipelines



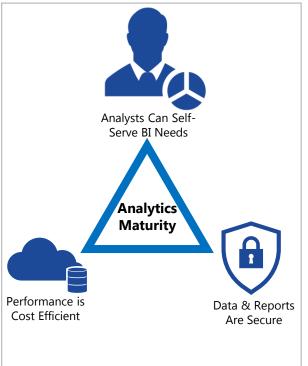
Build Data Pipelines and Semantic Data Models



Pilot Priority Reporting Scenarios



Run Analytics Organization



Analytics Center of Excellence Development



Developing Enterprise BI & Visualization Capabilities

Assess

Implement

Migrate

Insights

Innovate







A

Cost Efficient





Evaluate Data Maturity



Prioritize Use Cases







Build Data Pipelines and Semantic Data Models Run Analytics Organization



Pilot Priority Reporting Scenarios



Analytics Center of Excellence Development

Developing Enterprise BI Competency

Key Customer Challenges

- Report Overload!
- Limited insights into use patterns
- IT managing data requests
- Data and report governance

Outcomes

- Unified reporting structures
- Dashboards replace hundreds of reports
- Self-service curated BI data depots
- Novel analysis and visualization capabilities



Driving Innovation With Artificial Intelligence

Assess

Implement

Migrate

Insights

Innovate



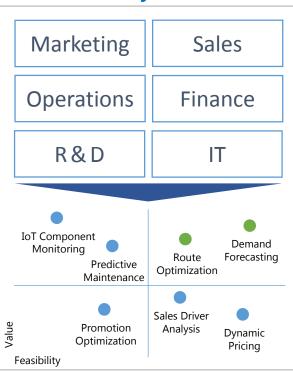




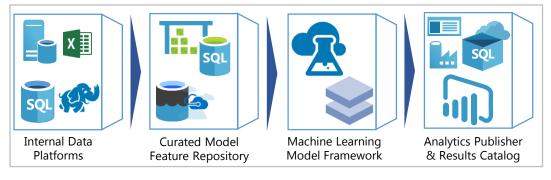




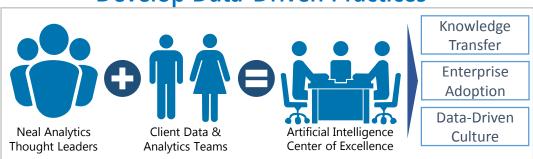
Envision Analytics Scenarios



Build Data Science Infrastructure



Develop Data-Driven Practices



Deliver Business Outcomes



Enterprise Project Management Organization



Driving Innovation With Artificial Intelligence

Assess Implement Migrate Insights Innovate



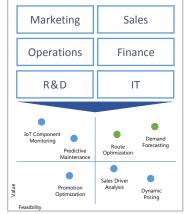








Envision Analytics Scenarios



Build Data Science Infrastructure



Deliver Business Outcomes



Enterprise Project Management Organization

Building an internal AI Competency

Key Customer Challenges

- Team Capabilities & Inexperience
- Data/Application Maturity
- Frequently Changing Directives
- Ad-hoc Data Procurement

Outcomes

- Business Value from AI Scenarios
- AI Center of Excellence
- Data Science Certified Analytics Platform
- Machine Learning Results Integrated with Reporting and Business Services

