{

"SiteHeading": "Data Capability Assessment",

"TitleHeading": "Your results at a glance",

"GoToResultsButton": "Go to results",

"Demographics": {

"H1": "Getting started",

"Body": "In this assessment, we’ll ask about your current data capabilities across six categories. At the end you will receive a high-level overview of your results with the option to see them in even more detail.",

"BeginText": "To begin, please tell us about your company.",

"ToolTipHeading": "Getting Started Heading",

"ToolTipText": "Storage scalability, failover and recovery, performance, security, updates, operational analytics, in-memory OLTP and analytics capabilities, and query optimization.",

"ButtonText": "Start your assessment",

"Industries": {

"Question": "What is your industry?",

"SelectedOption": {

"id": 1,

"name": "Agriculture & Mining"

},

"Options": [

{

"id": 1,

"name": "Agriculture & Mining"

},

/………/

{

"id": 22,

"name": "Wholesale & Distribution"

}

]

},

"CompanySize": {

"Question": "What is your company size?",

"SelectedOption": {

"Value": 5,

"Name": "1-5"

},

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{

"Value": 5,

"Name": "1-5"

},

/………./

{

"Value": 3000,

"Name": "2500+"

}

]

},

"UsesCloud": {

"Question": "Do you use public cloud computing providers, such as Amazon Web Services (AWS) or Microsoft Azure?",

"Answer": null

}

},

"Categories": [

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"Category": "Operational Databases",

"CurrentCategory": true,

"CategoryToolTip": {

"Heading": "What are Operational Databases?",

"Text": "Storage scalability, failover and recovery, performance, security, updates, operational analytics, in-memory OLTP and analytics capabilities, and query optimization."

},

"DisplayMap": [

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[ 4, 5, 6, 7 ]

],

"DisplayMapNoCloud": [

[ 0, 1, 2, 3 ],

[ 4, 5 ]

],

"Questions": [

{

"Answer": false,

"QuestionText": "Is the uptime availability of your OLTP databases five nines or better (meaning 99.999% or about 5 minutes of downtime per year for 24/7 availability)?",

"ShowMe": false,

"ToolTipText": "empty",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D2"

},

{

"Answer": false,

"QuestionText": "Can you scale up your mission-critical OLTP databases using parallel processing?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D3"

},

{

"Answer": false,

"QuestionText": "Can you elastically scale out your OLTP databases to manage changes in the load of your applications (such as adding or removing servers without service interruption)?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D4"

},

{

"Answer": false,

"QuestionText": "Have you performance tuned your key mission-critical OLTP databases (for example: adding solid state drives or flash-based storage)?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D5"

},

{

"Answer": false,

"QuestionText": "Are you using in-memory technologies in your OLTP databases to get faster performance for your mission-critical applications?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D6"

},

{

"Answer": false,

"QuestionText": "Do you have the ability to always encrypt data at rest and data in motion (meaning your data is encrypted at all times, from database to application)?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D7"

},

{

"Answer": false,

"QuestionText": "Do you use the public cloud for data backup, recovery, and archiving?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": true,

"Cell": "D8"

},

{

"Answer": false,

"QuestionText": "Do you use public cloud databases or management tools for your customer-facing applications?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": true,

"Cell": "D9"

}

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{

"Category": "Data Warehouse",

"CurrentCategory": false,

"CategoryToolTip": {

"Heading": "What is Data Warehouse?",

"Text": "Data storage, refresh frequency, storage span, ability to perform analytics and modeling, scalability for different types of workloads, and optimization through parallel processing."

},

"DisplayMap": [

[ 0, 1, 2 ],

[ 3, 4, 5 ]

],

"DisplayMapNoCloud": [

[ 0, 1, 2, 3, 4 ]

],

"DisplayMapSkip": [

[ 0, 1, 2, 3, 4 ]

],

"Questions": [

{

"Answer": true,

"QuestionText": "Do you aggregate data from different applications and departments across your company in a centralized repository? In other words, do you have an enterprise data warehouse?",

"ShowMe": false,

"ToolTipText": "We define an enterprise data warehouse as a single data repository that aggregates data across multiple systems and business functions across the company",

"Answered": false,

"Cell": null,

"IsCloud": false,

"Skip": [ "D10", "D11", "D12", "D13", "D14" ]

},

{

"Answer": false,

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"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D10"

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"Answer": false,

"QuestionText": "Does your data warehouse contain all of the data elements you need for business intelligence reporting or analytics?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D11"

},

{

"Answer": false,

"QuestionText": "Is your data warehouse scalable enough to support all the data you're loading and all of the users accessing it without experiencing performance degradation?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D12"

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{

"Answer": false,

"QuestionText": "Is the majority of information in your data warehouse refreshed daily or more often?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D13"

},

{

"Answer": false,

"QuestionText": "Do you use the public cloud for your enterprise data warehouse?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": true,

"Cell": "D14"

}

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{

"Category": "Data Lake",

"CurrentCategory": false,

"CategoryToolTip": {

"Heading": "What is Data Lake?",

"Text": "Storage of unstructured data and ability to transform the same into structured data to perform analytics."

},

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],

"DisplayMapNoCloud": [

[ 0, 1, 2, 3 ]

],

"Questions": [

{

"Answer": true,

"QuestionText": "Is any of the data that your company stores unstructured?",

"ShowMe": false,

"ToolTipText": "Unstructured data does not have a predefined data model. Examples include raw text, server logs, XML files, location data, and sensor readings.",

"Answered": false,

"Cell": null,

"SkipMe": false,

"IsCloud": false,

"Skip": [ "D15", "D16" ]

},

{

"Answer": false,

"QuestionText": "Do you collect and store unstructured data (such as images, raw text, log files, and geospatial information) in a central repository within your organization (such as a file server, document management system, blob storage, or data lake)?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D15"

},

{

"Answer": false,

"QuestionText": "Do you transform unstructured data into structured data for future analysis (for example: clickstream activity analysis, server logs, or sensor data logs)?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D16"

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{

"Answer": false,

"QuestionText": "Are you using big data technologies such as Hadoop or Spark as a central repository to store your data (in other words, do you have an enterprise data lake)?",

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"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D17"

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{

"Answer": false,

"QuestionText": "Do you use the public cloud for distributed big data technologies such as Hadoop or a data lake on the cloud?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": true,

"Cell": "D18"

}

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"Category": "Business Intelligence",

"CurrentCategory": false,

"CategoryToolTip": {

"Heading": "What is Business Intelligence?",

"Text": "Enterprise-wide reporting and analytics that deliver business insights."

},

"DisplayMap": [

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[ 3, 4, 5 ]

],

"DisplayMapNoCloud": [

[ 0, 1, 2 ],

[ 3, 4, 5 ]

],

"Questions": [

{

"Answer": false,

"QuestionText": "Does your company have policies or guidelines related to how data can be used and analyzed?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D19"

},

{

"Answer": false,

"QuestionText": "Can business users easily access key reports, KPIs, and dashboards on mobile devices?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D20"

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{

"Answer": false,

"QuestionText": "Can business users create new interactive visualizations of data on their own to develop potential insights?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D21"

},

{

"Answer": false,

"QuestionText": "Can business users receive real-time or near real-time alerts or notifications based on the conditions they've defined?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D22"

},

{

"Answer": false,

"QuestionText": "Can you extract data from different cloud-based or hosted applications (such as Salesforce, Google Analytics, or Workday) and combine it in an automated way with on-premises data to create BI reports?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D23"

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{

"Answer": false,

"QuestionText": "Have you deployed business intelligence tools on the cloud or as a software-as-a-service application?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D24"

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{

"Category": "Advanced Analytics",

"CurrentCategory": false,

"CategoryToolTip": {

"Heading": "What is Advanced Analytics?",

"Text": "Predictive analysis and modeling, machine learning, statistical analysis, and root cause analysis that’s used to create “smart” apps and provide data-driven insights."

},

"DisplayMap": [

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"DisplayMapNoCloud": [

[ 0, 1, 2, 3 ]

],

"Questions": [

{

"Answer": false,

"QuestionText": "Do you programmatically run root cause analysis on data to identify root causes for customer churn, product issues, and other concerns?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D25"

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{

"Answer": true,

"QuestionText": "Does your company develop predictive models to anticipate customer churn, equipment failures, or other potential issues before they occur?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"Cell": "D26",

"SkipMe": false,

"IsCloud": false,

"Skip": [ "D27", "D28" ]

},

{

"Answer": false,

"QuestionText": "Have you implemented predictive models in your key software systems?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D27"

},

{

"Answer": false,

"QuestionText": "Do your models prescribe one or more courses of action and show the likely outcome of each decision?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D28"

},

{

"Answer": false,

"QuestionText": "Do you use the public cloud for advanced analytics, machine learning, and data modeling purposes?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": true,

"Cell": "D29"

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"CurrentCategory": false,

"CategoryToolTip": {

"Heading": "What is Cloud Infrastructure?",

"Text": "Migration of various workloads (including app development, backup, and recovery) to the cloud and delivering services through the cloud."

},

"DisplayMap": [

[ 0, 1, 2, 3 ]

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"DisplayMapNoCloud": [

[ 0 ]

],

"Questions": [

{

"Answer": false,

"QuestionText": "Have you applied virtualization technologies to the majority of systems in your organization?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": false,

"Cell": "D30"

},

{

"Answer": false,

"QuestionText": "Do you use the public cloud for development and testing of new data solutions?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": true,

"Cell": "D31"

},

{

"Answer": false,

"QuestionText": "Do you use the public cloud for temporary compute-intensive tasks (such as spinning up additional virtual machine instances to complete a particular analysis)?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": true,

"Cell": "D32"

},

{

"Answer": false,

"QuestionText": "Have you used the public cloud to deploy applications that integrate with databases behind your firewall (meaning have you deployed a hybrid cloud)?",

"ShowMe": false,

"ToolTipText": "",

"Answered": false,

"SkipMe": false,

"IsCloud": true,

"Cell": "D33"

}

]

}

]

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