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Democratizing Insights: Scaling machine learning beyond the data scientist

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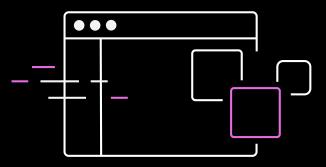
Modern data platforms driving new usecases



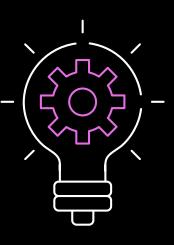
Transform customer experience



Improve business operations

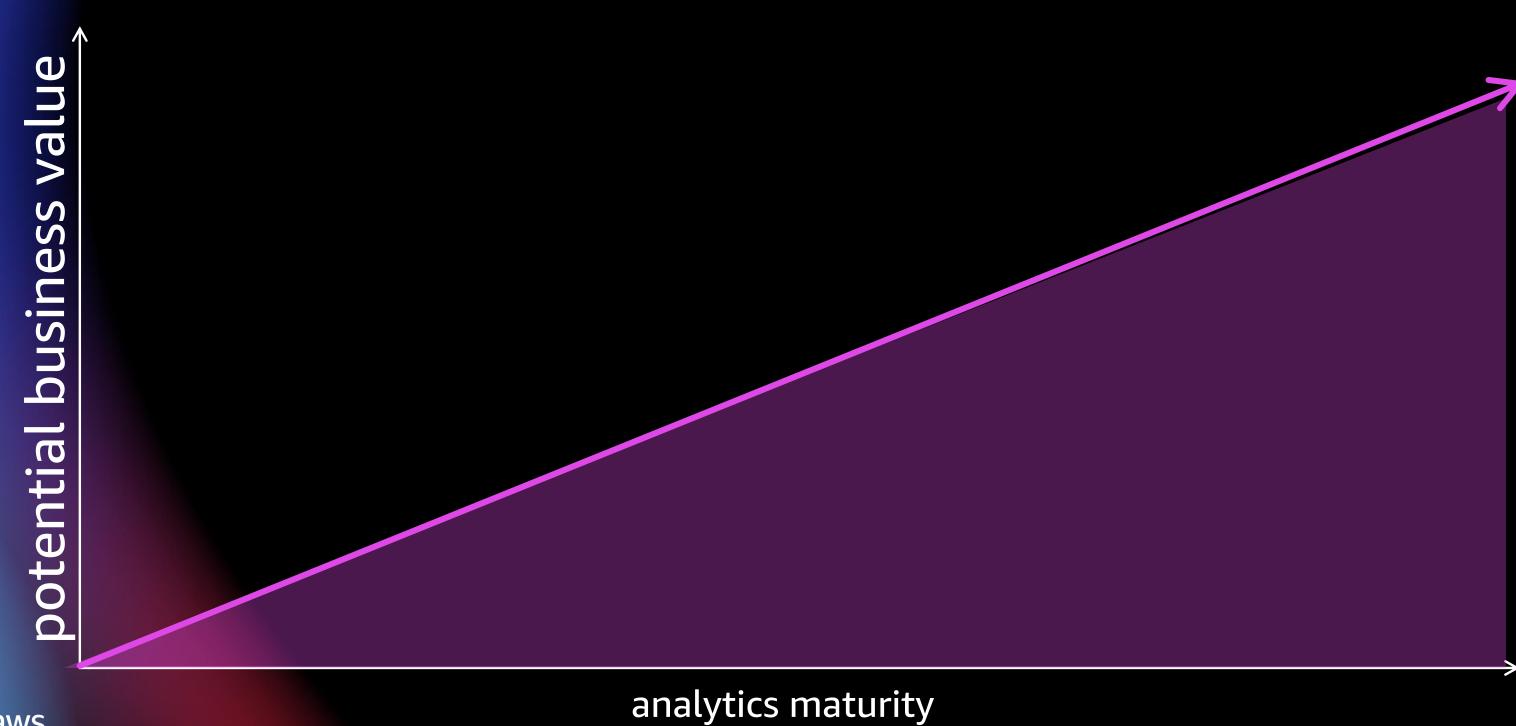


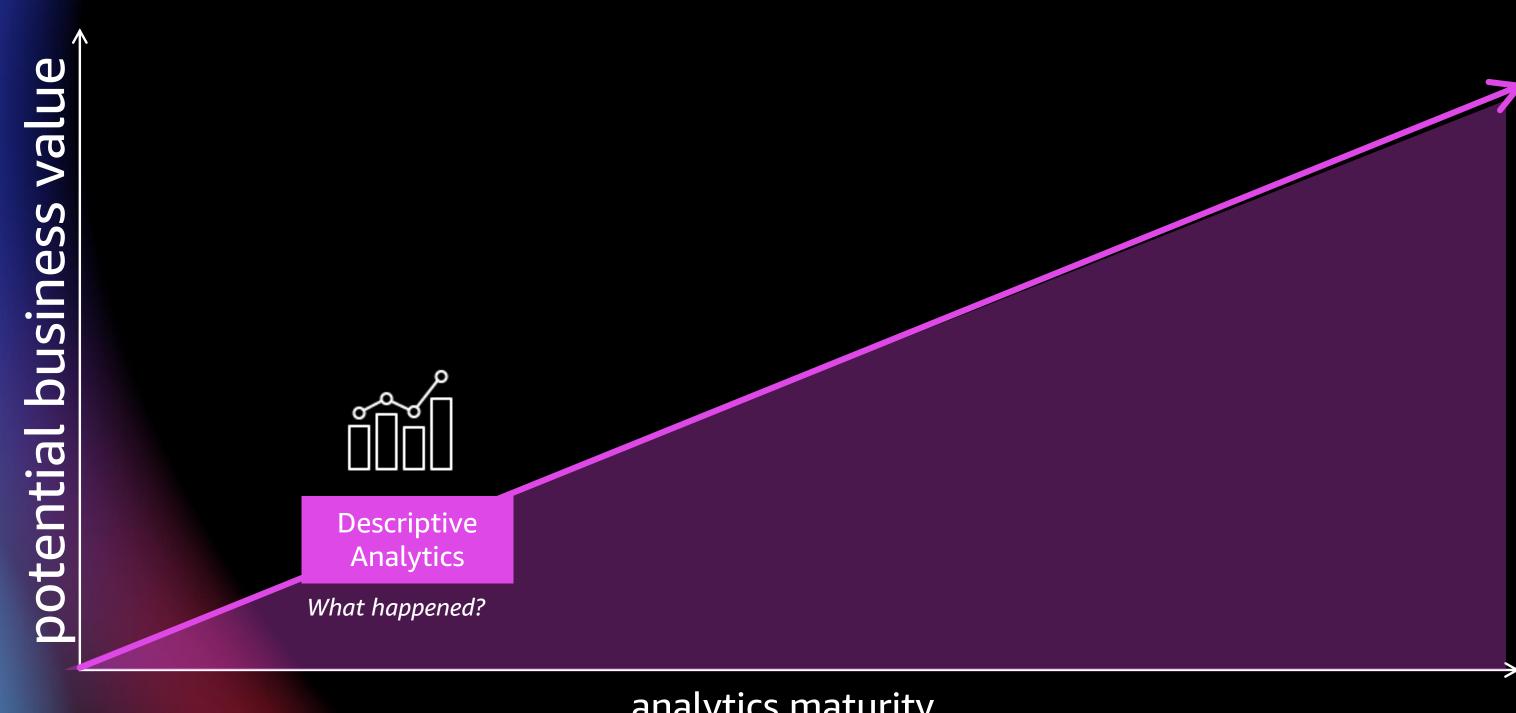
Better and faster decision-making



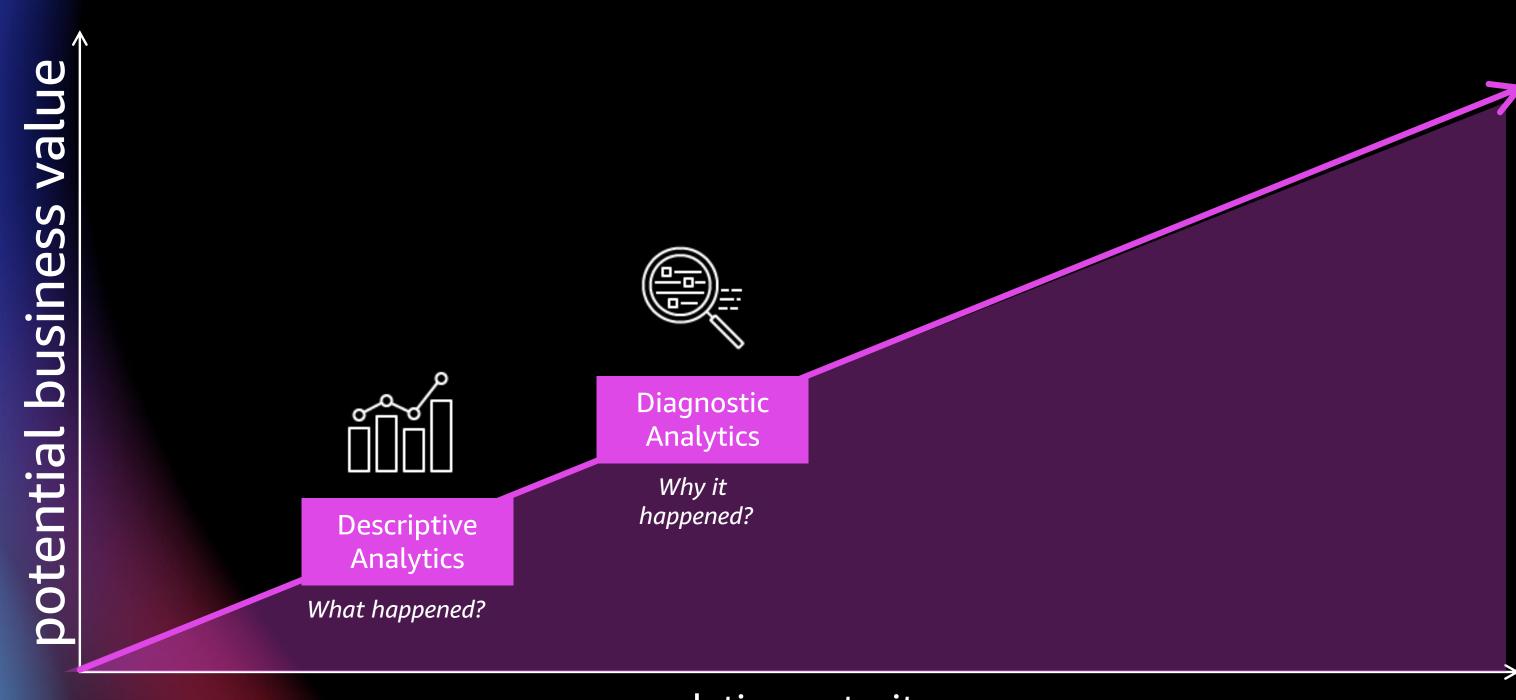
Innovate product or service



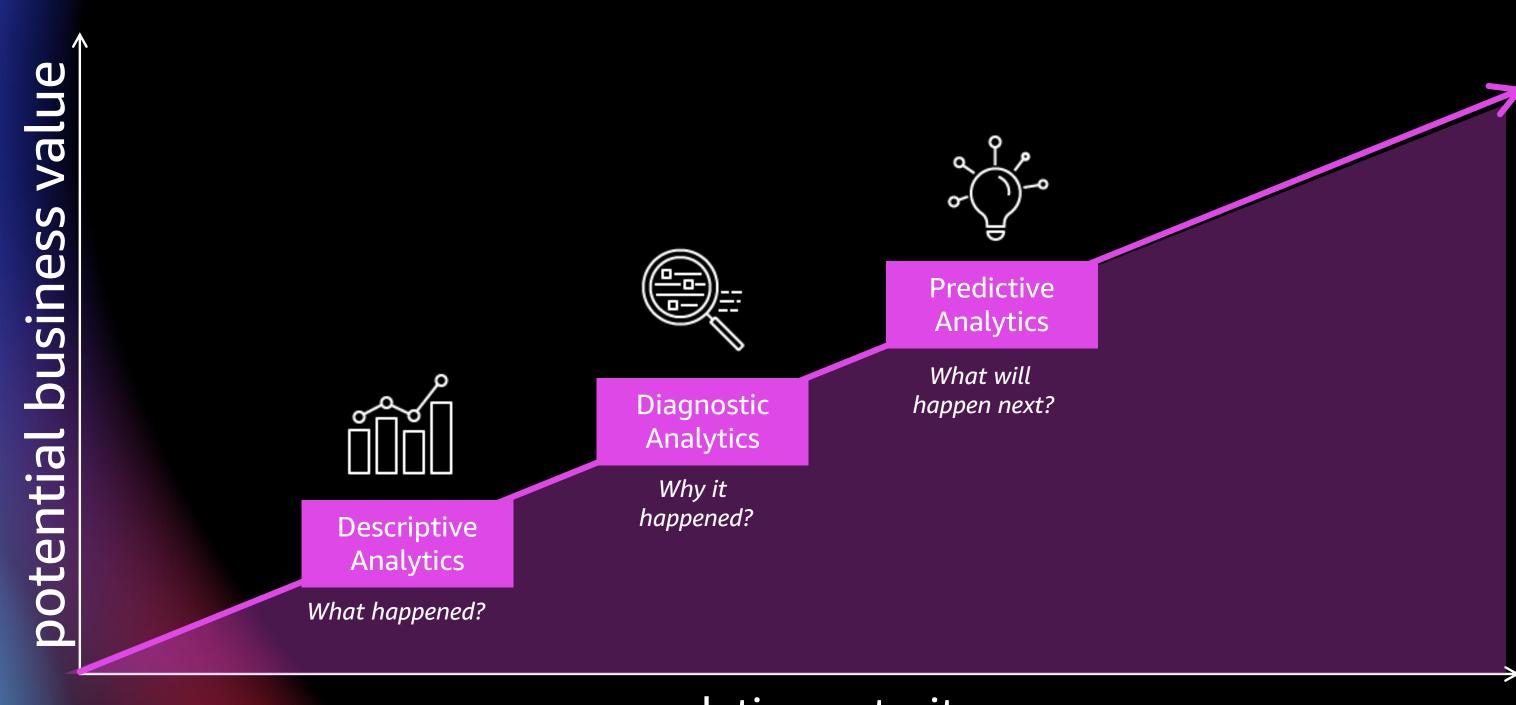




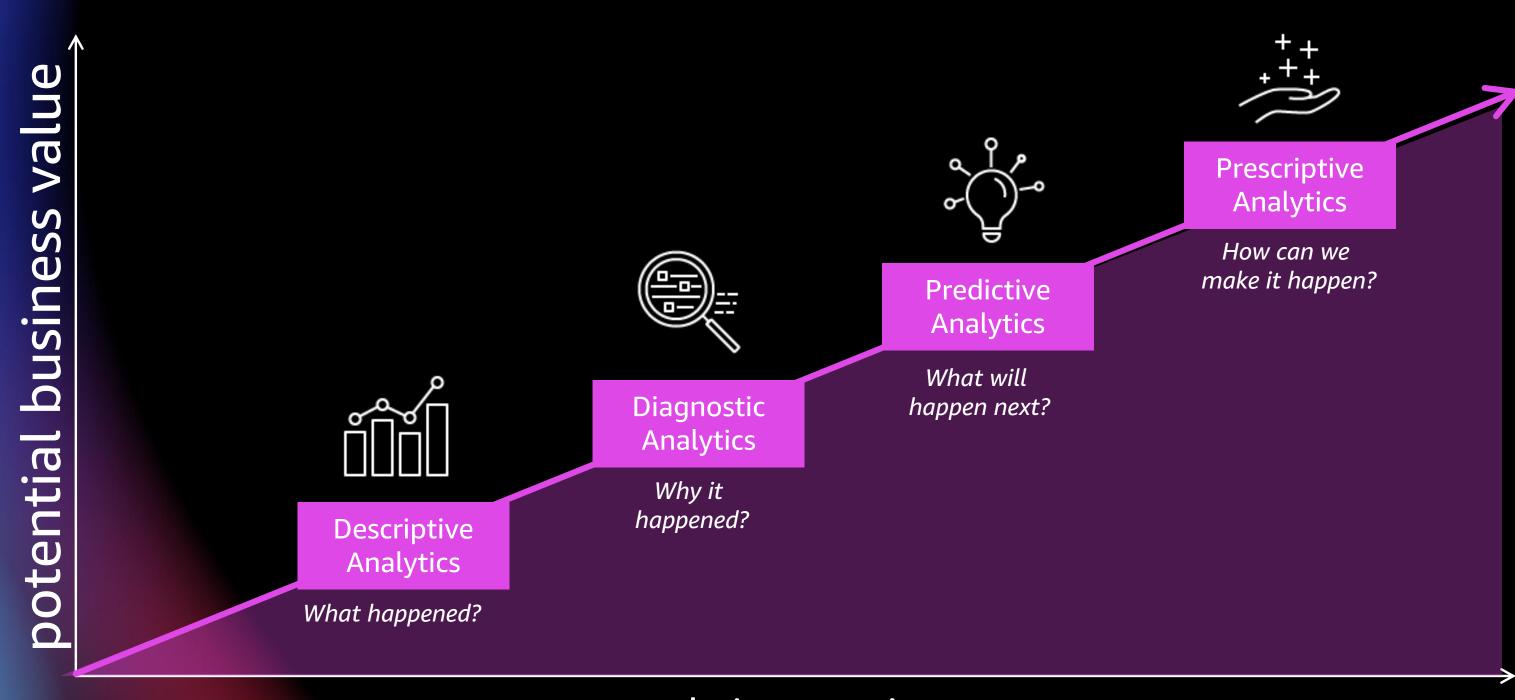




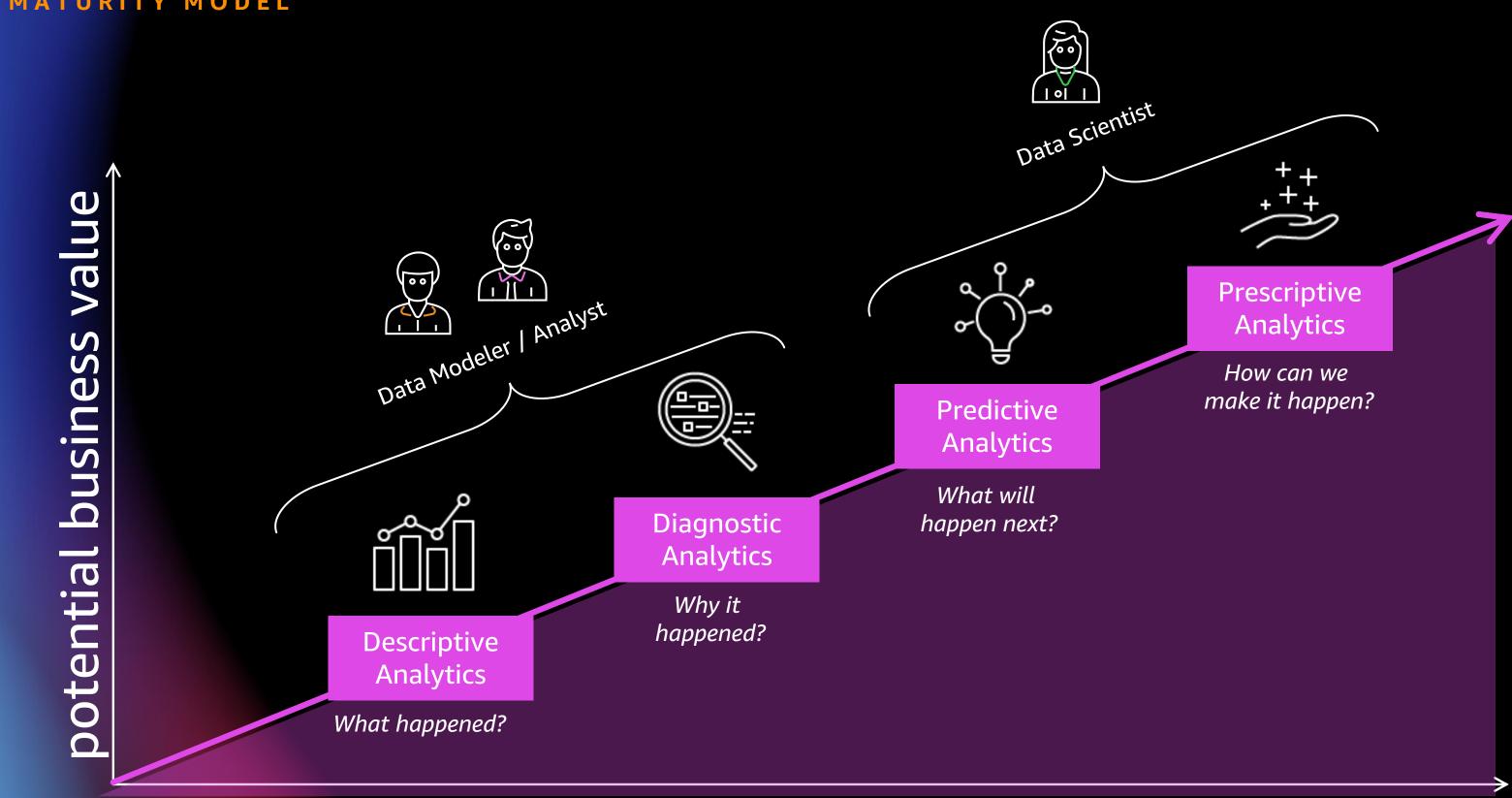














Data platform personas





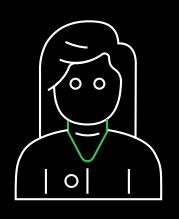
Cleanses and curates data for descriptive and diagnostic analysis. Serves historical data for predictive and prescriptive analysis



DATA ANALYST







DATA SCIENTIST

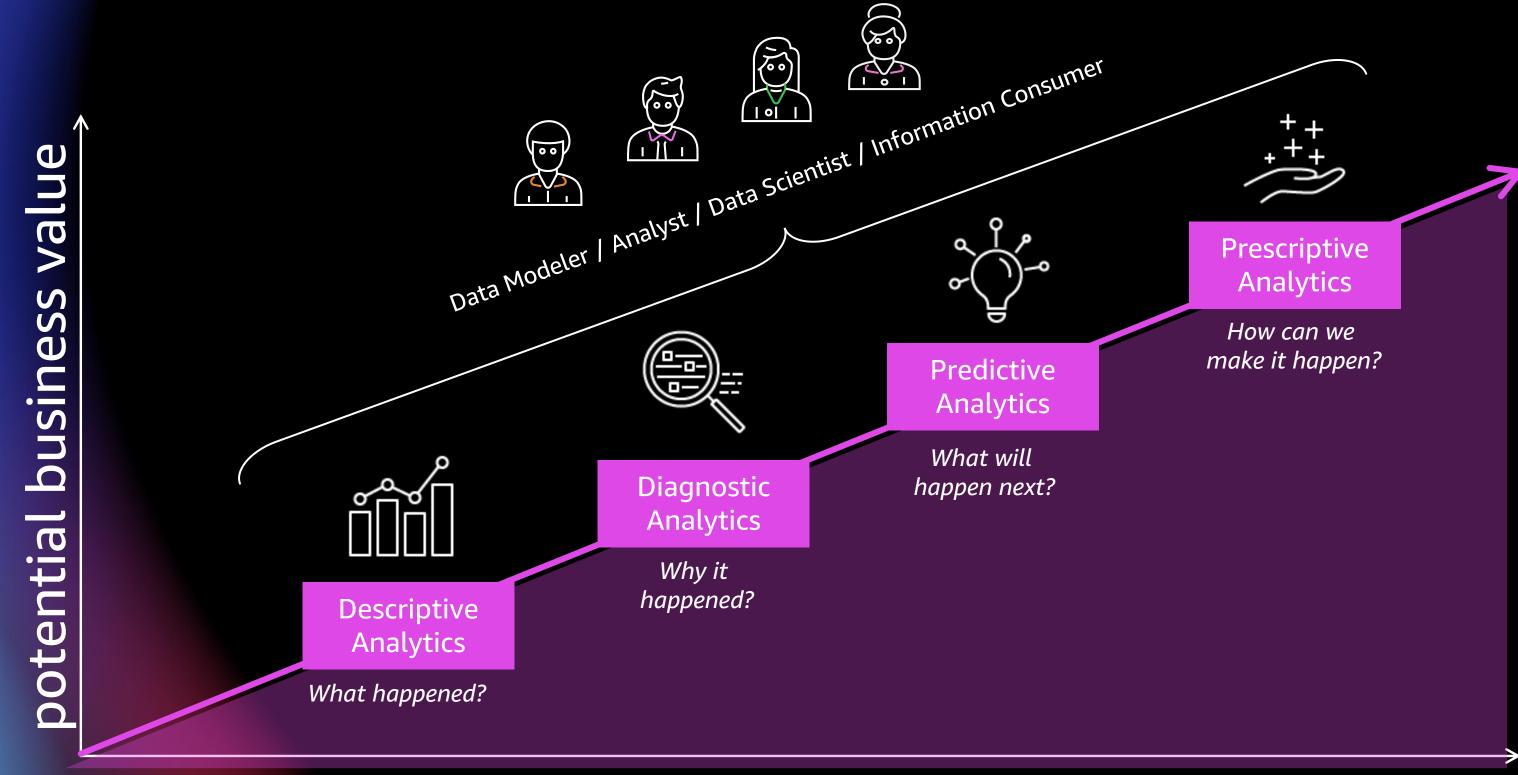
Uses Scientific methods and algorithms to run predictive and prescriptive analysis.



INFORMATION CONSUMER

Typically a Business Person -Bridges the gap between the insight and decision







Trends which are driving change





The most complete family of purpose-built data services

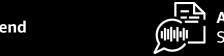
Business Intelligence & Machine Learning



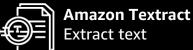












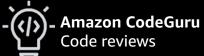


Amazon OpenSearch

Operational Analytics



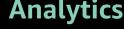






+Many more

Analytics























DocumentDB

Amazon DynamoDB Key value, Document





Amazon ElastiCache Redis, Memcached



Amazon Keyspaces (For Apache Wide column



Amazon Neptune



© Managed Blockchain





Blockchain Templates

Data Lake

Oracle, SQL Server,

RDS on VMware

MySQL, PostgreSQL, MariaDB,



Amazon Simple Storage Service (Amazon S3) Amazon S3 Glacier



AWS Lake Formation



AWS Glue ETL & Data Catalog

Data Movement

AWS Data Migration Service | AWS Snowball | AWS Snowmobile | Amazon Kinesis Data Firehose | Amazon Kinesis Data Streams | Amazon Managed Streaming for Apache Kafka (Amazon MSK)



3 tools to mature your analytics capability

AMAZON REDSHIFT ML

AMAZON QUICKSIGHT Q

AMAZON QUICKSIGHT ML







Amazon Redshift ML makes it possible for users to create, train, and deploy machine learning (ML) models using familiar SQL commands

Amazon QuickSight Q is a machine learning powered capability that uses natural language processing to answer your business questions instantly

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DEMO



Recap

- There are 4 capabilities of a modern data strategy combining analytics and AI/ML
 - Descriptive, diagnostic, predictive and prescriptive analytics
- Skills is one of the biggest challenges to scaling ML initiatives in organizations
- A new breed of tools can help you to integrate ML throughout your entire organization – with minimal upskill required
- Demo 3 AWS tools which can supercharge your machine learning journey



Visit the AWS Data Resource Hub

Dive deeper with these resources, get inspired and learn how you can use data to make better decisions and innovate faster.

- Building a winning data strategy
- The new leadership mindset for data & analytics
- Harness data to reinvent your organization
- Put your data to work with a modern analytics approach
- Breaking free from on-premises database constraints
- Cloud storage adoption: From cost optimization to agility & innovation
- A strategic playbook for data, analytics, and machine learning
- ... and more!



https://tinyurl.com/aws-data-resource

Visit resource hub



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Thank you.

