

From Machine Learning to Learning Machines

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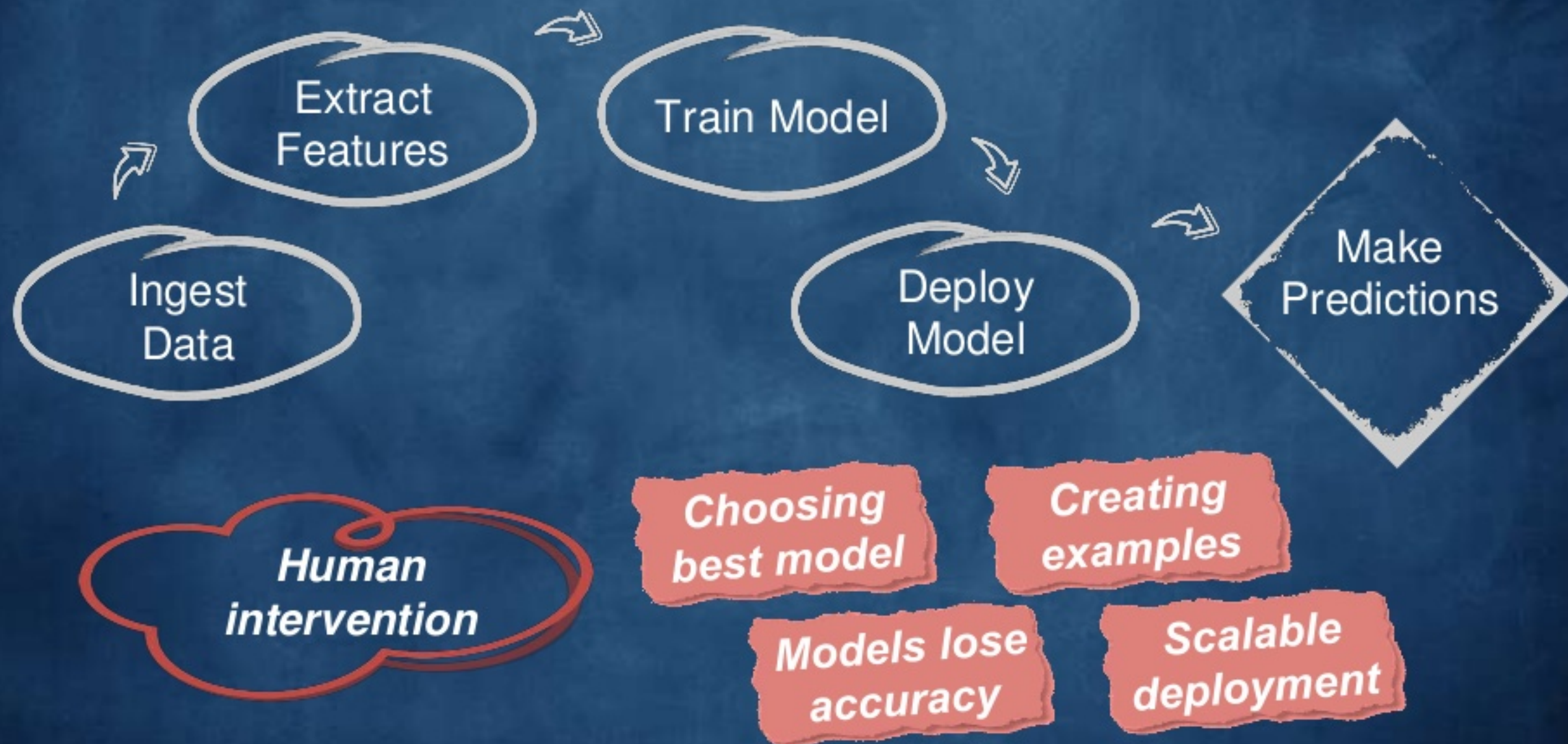
When to use machine learning

Changing
business rules

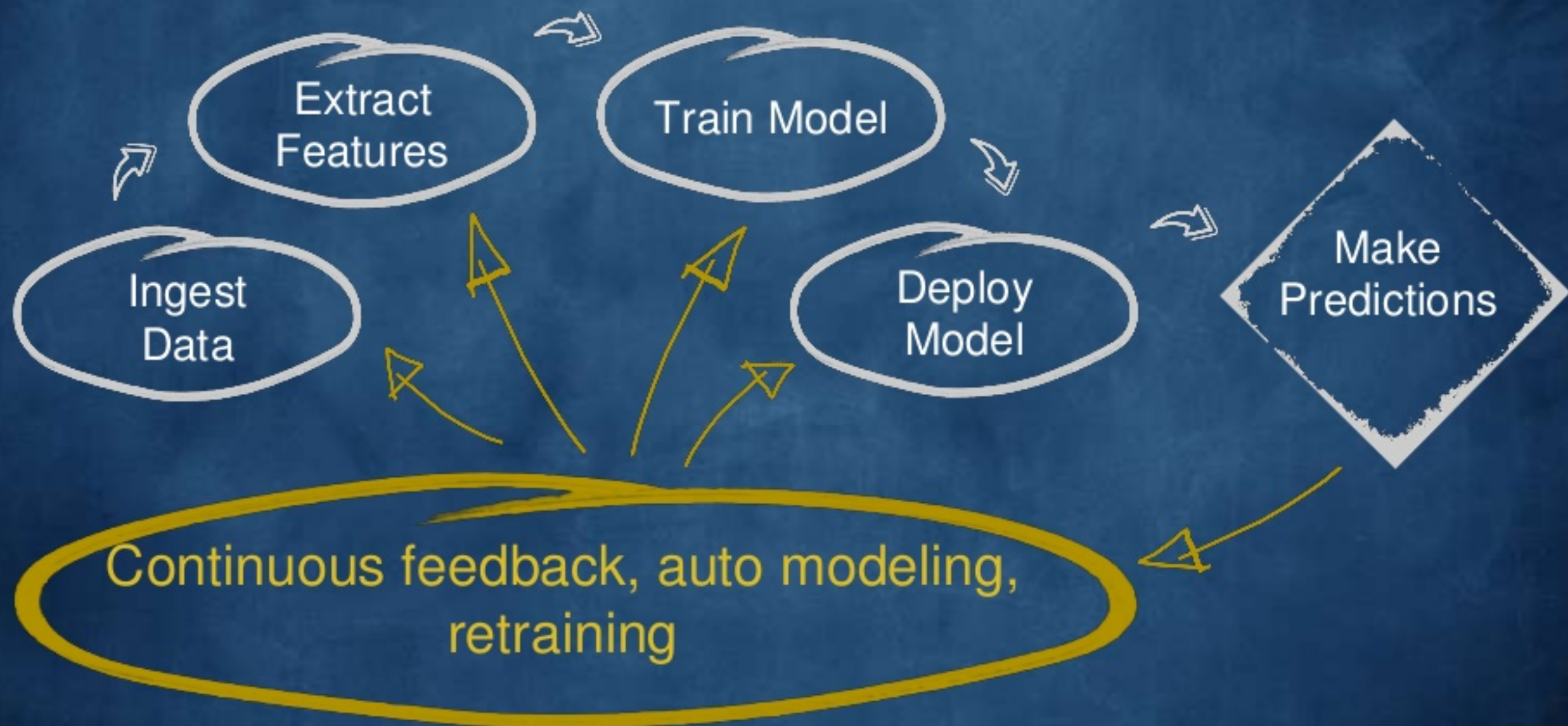
Rapid speed of
development

Act with
intelligence

The (incomplete) machine learning process



Machine Learning to Learning Machines



Design Principles of Learning Machines

Simplicity

Automated, Guided,
Intuitive

Collaboration

Data Scientists,
Developers, Business
Analysts

Convergence

Best of breed machine
learning technologies

From idea to demo in 5 months



{spark.tc} + *Spark*[★]

Ecosystem of partners



Lightbend

galvanize



ANACONDA
Powered by Continuum Analytics



Studio

Bluemix Catalog

https://pages.github.ibm.com/iw/machine-learning-bluemix/bluemix_catalog.html

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Docs

Kai dev

IBM Bluemix

CatalogSupportAccount

Catalog

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Boilerplates

Cloud Foundry Runtimes

Containers

Virtual Servers

OpenWhisk

Mobile

Data & Analytics

Watson

Internet of Things

APIs

DevOps

Application Services

Integrate


Network


Storage


Security


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**Apache Spark**
IBM Analytics for Apache Spark for Bluemix.
IBM


**BigInsights for Apache Hadoop**
Provision managed bare metal Apache Hadoop clusters for
IBM


**Cloudbant NoSQL DB**
Cloudbant NoSQL DB is a fully managed data layer designed for
IBM


**Compose for Elasticsearch**
Elasticsearch combines the power of a full text search engine with
IBM


**Watson Machine Learning**
Use your own data to create and train predictive analytics models.
IBMBeta


**Compose for MongoDB**
MongoDB with its powerful indexing and querying, aggregation and
IBM


**Compose for PostgreSQL**
Postgres is a powerful, open source object-relational database that
IBM

**Compose for RabbitMQ**
RabbitMQ asynchronously handles the messages between your
IBM

**Compose for Redis**
Redis is an open-source, blazingly fast, key/value low maintenance
IBM

**Compose for RethinkDB**
RethinkDB is a JSON document based, distributed database with
IBM

**dashDB**
A flexible and powerful data warehouse for online analytics
IBM

**Data Connect**
Data Connect: Self-service data preparation and integration for
IBM

Watson Data Platform





Booth P5

spark.tc

NH Carrefour De
L'Europe

bit.ly/ML-Meetup

Oct 27 6:30pm