

NOTEBOOKS

DASHBOARDS

CODE REPO
SUCH AS GIT

DATA SCIENCE EXPERIMENTATION PIPELINE
EXPERIMENT TO SERVING

RBAC
ROLE BASED
ACCESS
CONTROL

DATA ENGINEERING ORCHESTRATION PIPELINE
INGESTION TO DEPLOYMENT

**MODEL
SECURITY
ALERTING
ENGINE**

**EXTERNAL
DATA
SOURCES**

**DATA ENGINEERING
ENGINE**
DATA INGESTION AND
TRANSFORMATION STAGE
LABELING

**EXPERIMENTATION
ENGINE**
EXPERIMENTS AND
TESTING

**TRAINING
ENGINE**
TRAINING AND TUNING
**MODEL TESTING /
VALIDATION ENGINE**

**DEPLOYMENT
ENGINE**
DEPLOY TO PRODUCTION
MODEL REPO

**SERVING
ENGINE**
MAKE PREDICTIONS
IN APPS

**LOGGING
ENGINE**

**SYNTHETIC
DATA**
GENERATION/
AUGMENTATION
USE CASE
DEPENDENT

MONITORING
EXPERIMENT TO SERVING

FEATURE STORE
USE CASE DEPENDENT
PRIMARILY FOR STRUCTURED DATA

METADATA STORE

DATA FOUNDATION
VERSIONING DATA LAKE WITH LINEAGE TRACKING
INGESTION TO SERVING

CLOUD OR ON-PREM INFRASTRUCTURE
(SUCH AS KUBERNETES/I AAS/OBJECT STORE/OS)