STORAGE (HDFS / AWS S_3)

/../../ store_id / batch / date / hour / *.avro

STORES POS

BATCH DATA

SFTP

JOB SCHEDULER

BATCH STORAGE

SPARK JOB

{ TRANSFORMATIONS }

ANALYTICAL DATA

SPARK / EMR JOBS

{ ANALYTICS ENGINE }

HIVE / REDSHIFT

STREAMING STORAGE

/../../ store_id / streaming / date / hour / *.avro

DATA VISUALIZATION

[TABLEAU]

SPARK / EMR STREAMING

{ MICRO - BATCHES }

STREAMING

KAFKA / KINESIS

Customer

LOAD BALANCERS

PRODUCER

APPLICATION LAYER

META DATA

[RDBMS]

PIZZA ONLINE STORE