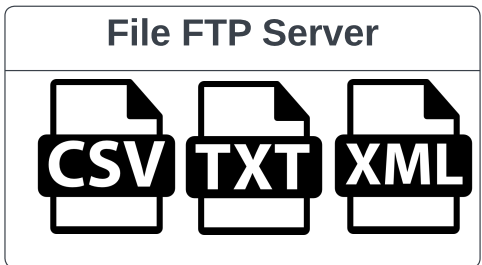


Security Layer & Orchestration Layer



Source Data



Ingestion Layer



Larrge amount of files

Sensors data

SQL database

Ingest Streaming data

Processing Layer

Real-time Streaming



Execution



Metadata Management



Resource Management



Ingest data to HDFS

Raw data

Processed data

Storage Layer



Serving Layer

Data Analytics Storage



Reporting & Dashboard



Machine Learning



Processed real-time data for analytics purposes

Processed data for analytics purposes

Data for Machine Learning purposes