

Building Real-Time Sales Dashboard using Apache Spark, Apache Kafka and Python Django for Aspiring Data Engineers

About Us



A online technology education company that develops personalized online courses and software solutions on Data Engineering and Data Science field.

Contact Us

- Website: <https://www.datamaking.com>
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- YouTube: <https://www.youtube.com/c/datamaking>
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Prerequisites: Environment Setup

Programming/Runtime

- Python
- Java
- Scala

Big Data/Distributed System

- Apache Hadoop
- Apache Spark
- Apache Kafka

RDBMS

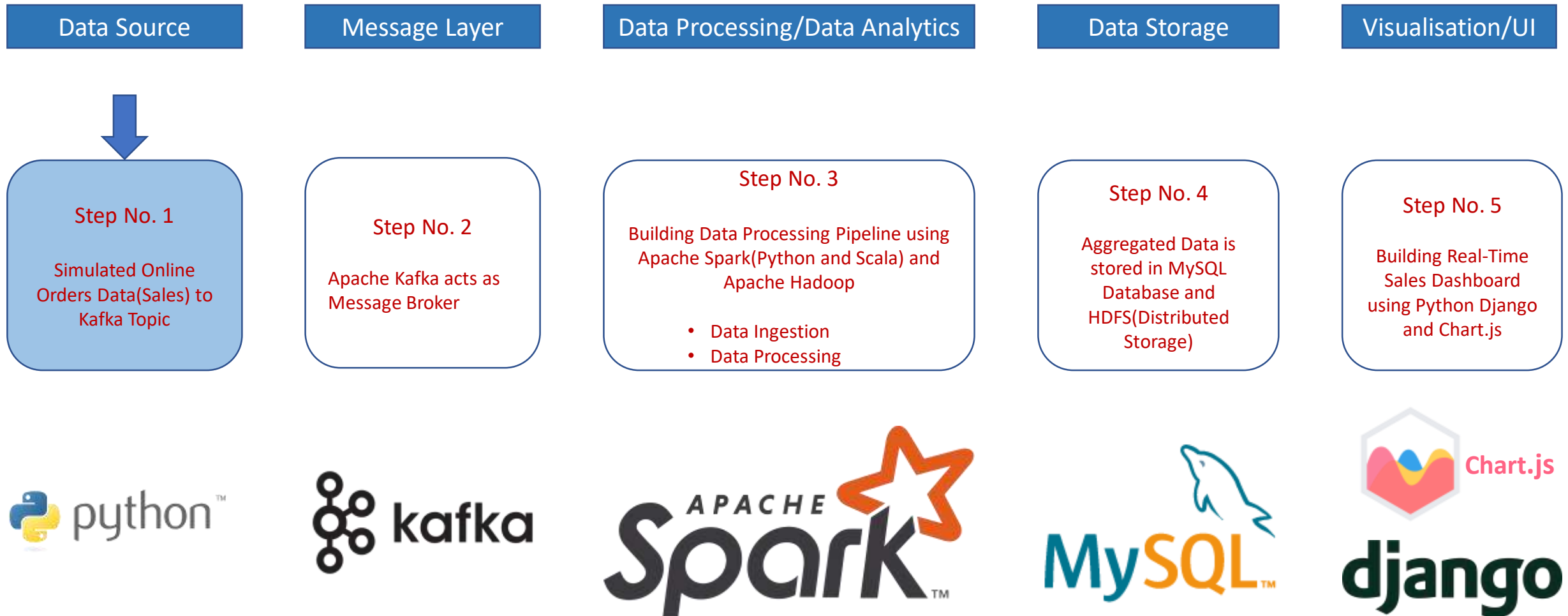
- MySQL

Web/UI

- Python Django
- Chart.js



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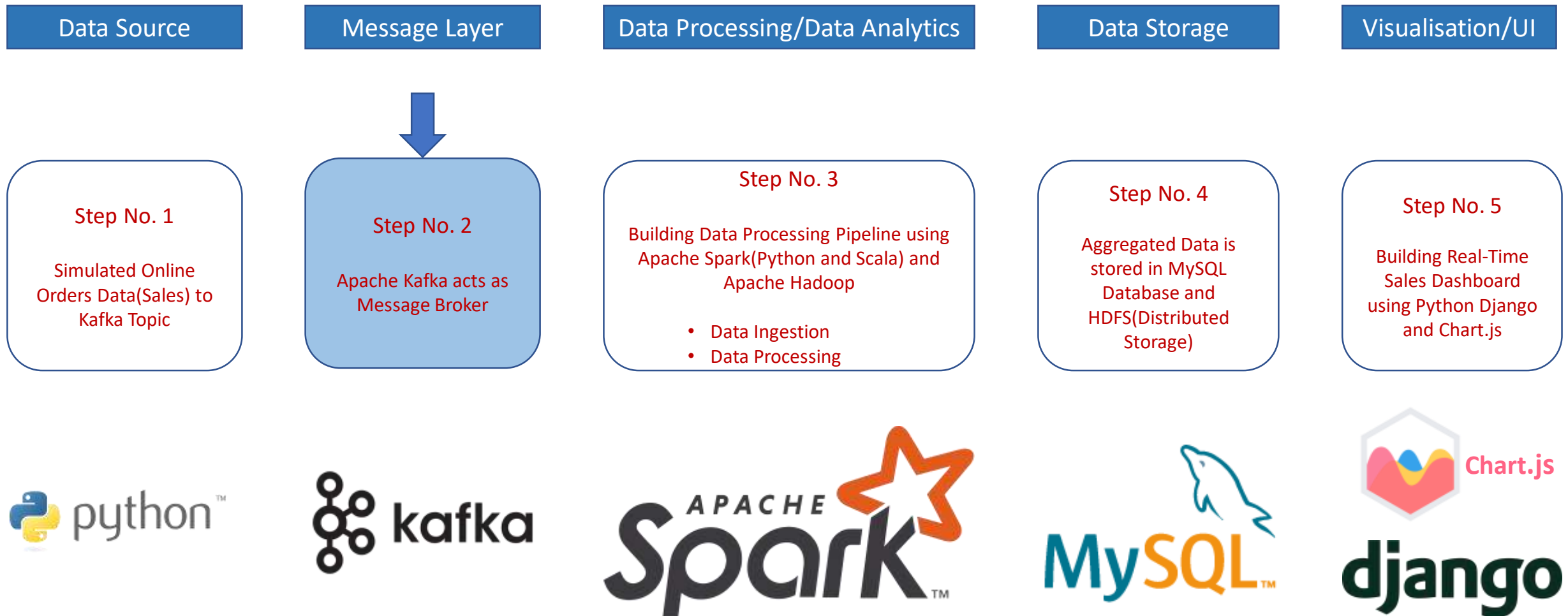


Step 1 of Building Real-Time Sales Dashboard

- Data Source
 - Simulated Online Orders Data(Sales) to Kafka Topic
 - Kafka Producer



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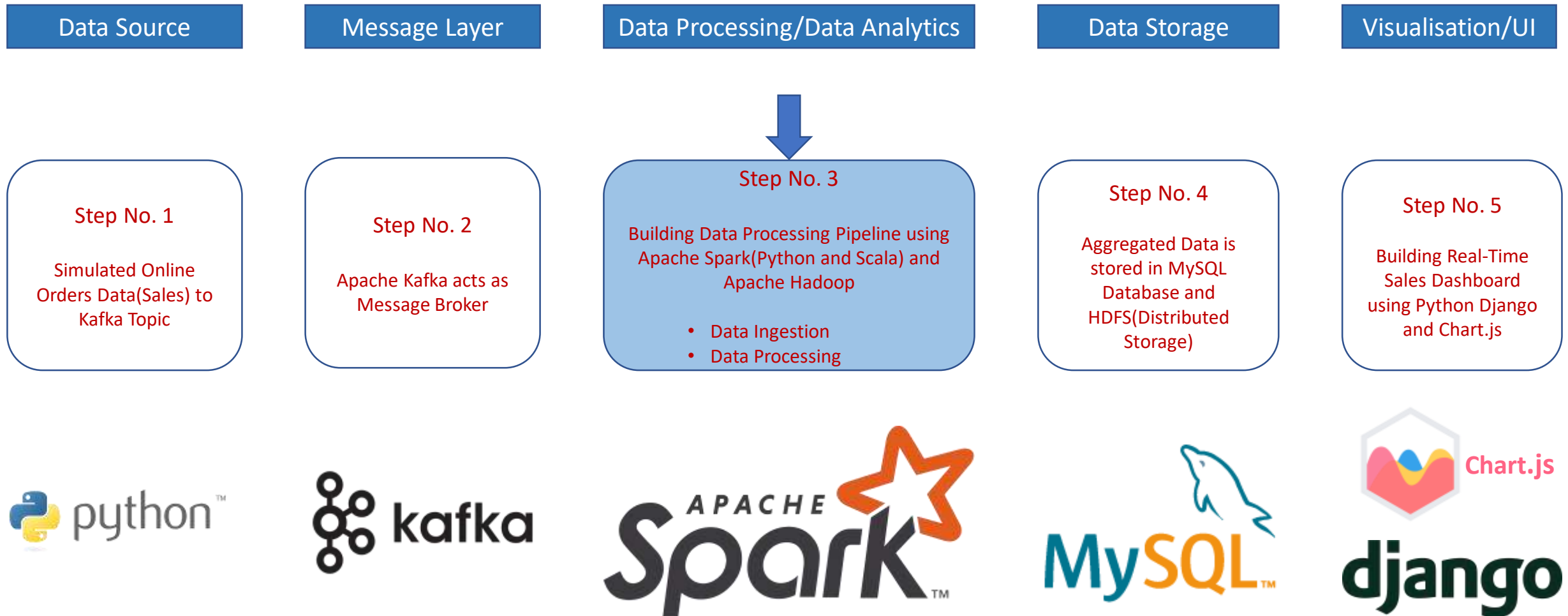


Step 2 of Building Real-Time Sales Dashboard

- Single Node Apache Kafka Cluster
 - Kafka Broker/Server
 - Kafka Topic
 - Kafka Producer
 - Kafka Consumer



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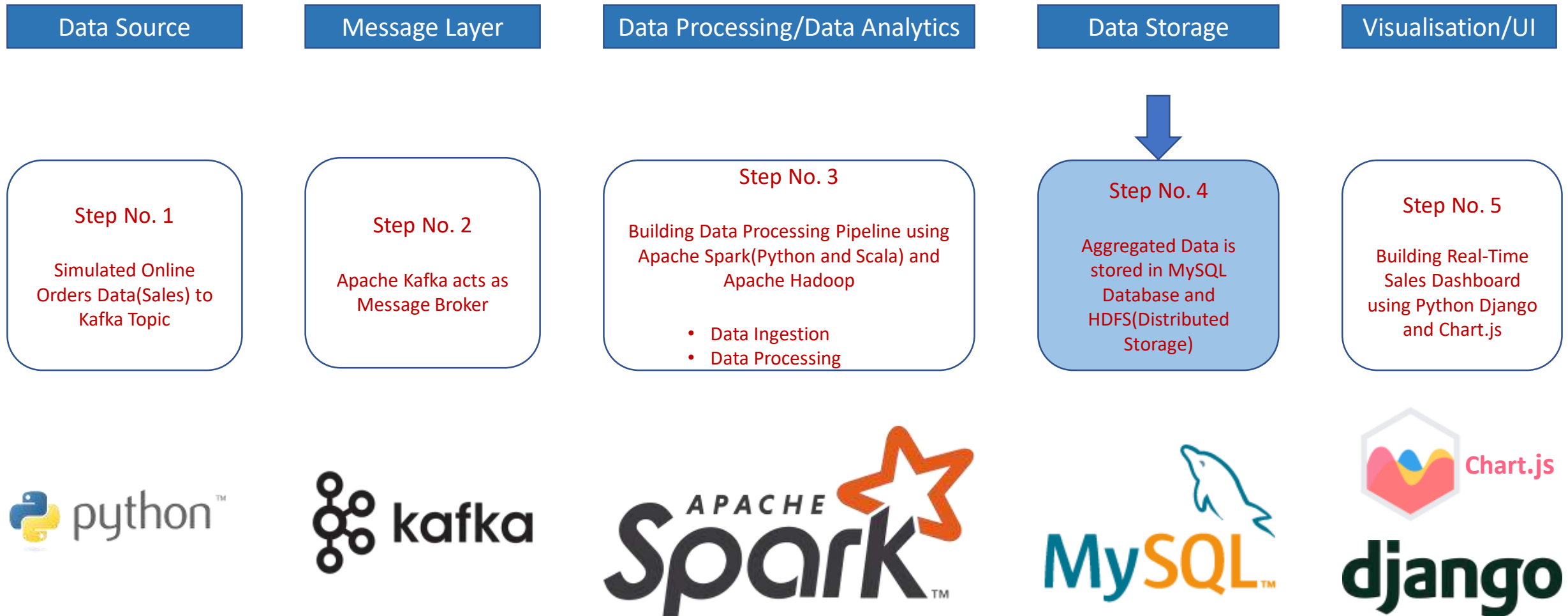


Step 3 of Building Real-Time Sales Dashboard

- Single Node Apache Hadoop/Spark Cluster
 - Apache Hadoop
 - Apache Spark
 - Data Ingestion
 - Data Processing
 - Data Pipeline

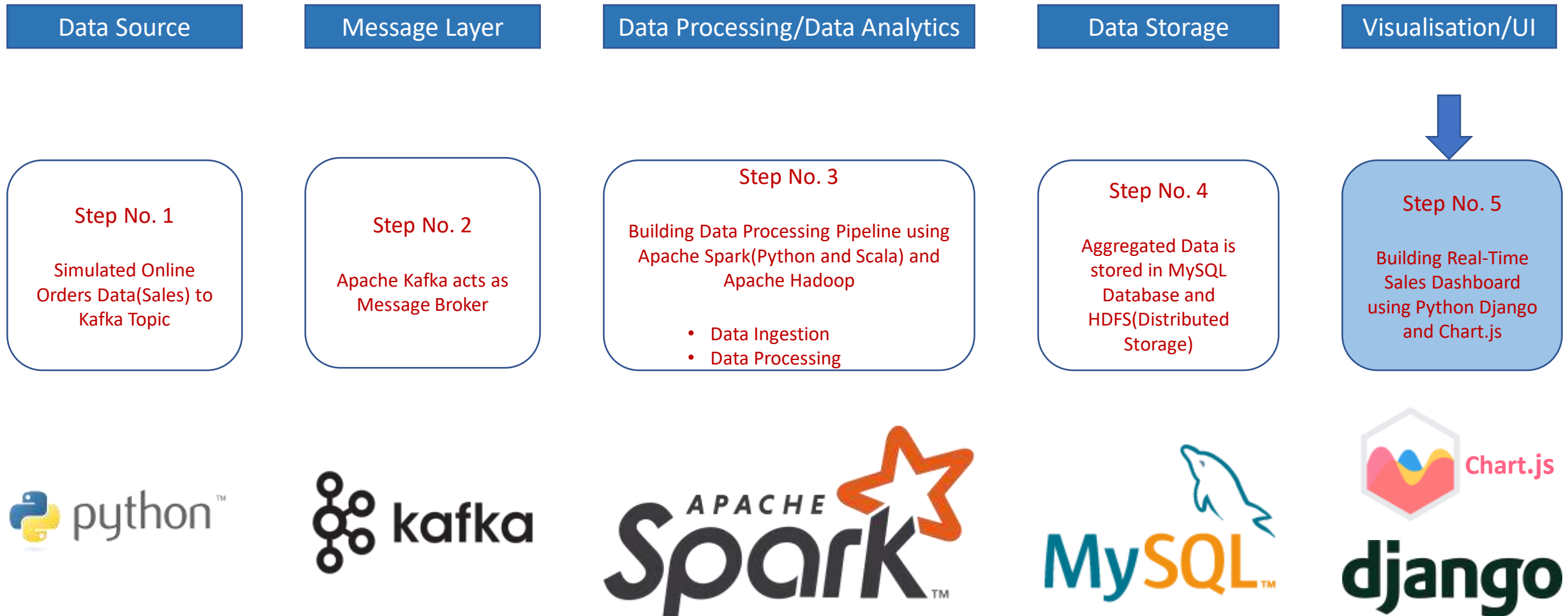


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Questions?

Reach out to Us

Telegram Group

Group Link: <https://t.me/+uISEPVLP64BIMTc1>

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Suggestions?

Thank you!