



Technical Challenge

São Paulo Fair





Challenges: Data Engineer

DATA ENGINEER

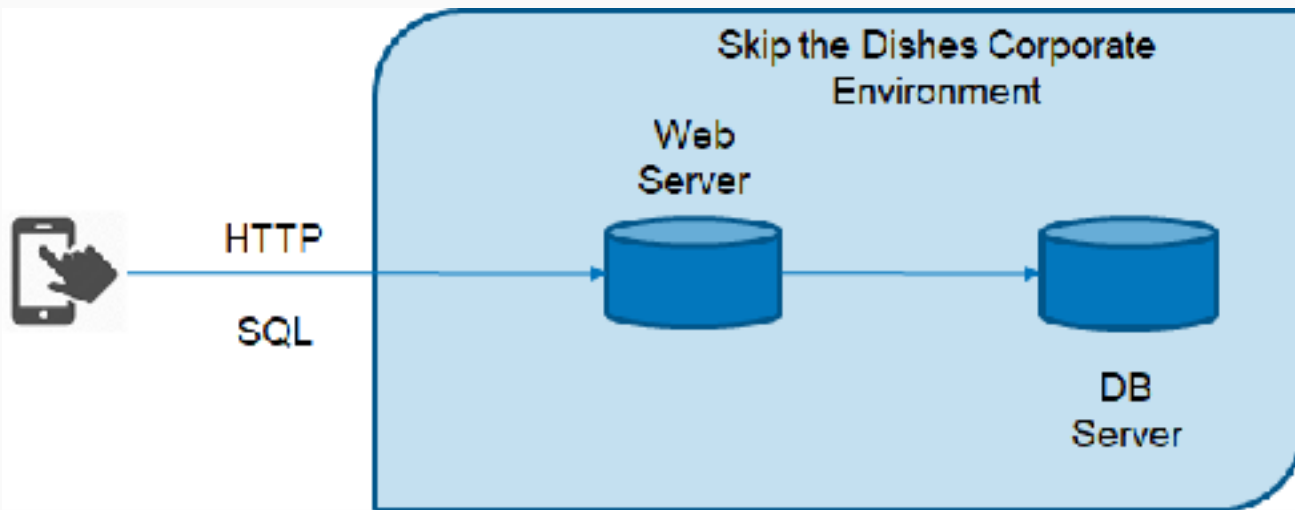
Design a database solution to handle 100.000.000 Courier's update/position per day and prepare the solution for a increase of 50% in the the next 6 months.

Suggests how to analyze the data to identify areas in the City that the Company could expand the service in the next 6 months.

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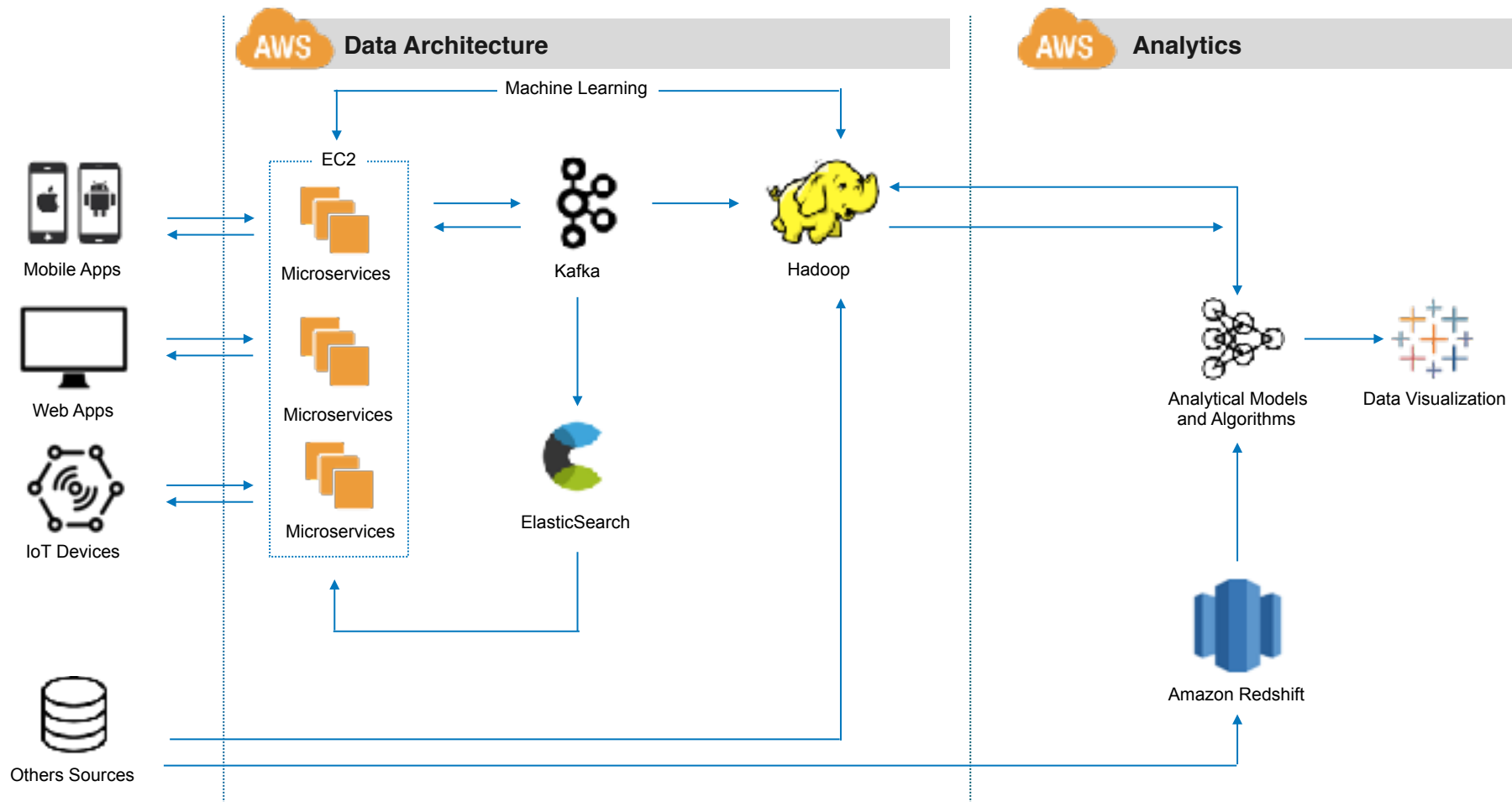
DATA ENGINEER

Consider Skip is moving their environment to the Cloud. Change the architecture diagram using the following technologies: Kafka, Hadoop, Elasticsearch, MQTT/AMQP, columnar databases.



Challenges: Technologies

Front end	HTML, CSS, Javascript (jQuery, Knockout, React), Python
Back end	Java 8
Data Technologies	MySQL, Elastic Search, DynamoDB, Python, memcached and Redis
Mobile	Swift, Java, React Native
Message Broker	Rabbit MQ
Architecture	Microservices (Spark)
Cloud	AWS



Thank You!

See you in São Paulo.

