# Data Engineering Challenge

**mobile client**

REST

**Amazon API Gateway**

/courierCurrentLocation/
{orderId}
POST
PUT

**Amazon API Gateway**

/orderLastLocation/
{orderId}
GET

## AWS Cloud

### Virtual Private Cloud

#### Private Subnet

**AWS Lambda**

CREATE
UPDATE

**AWS Lambda**

READ

**Amazon DynamoDB**

PutObject/
orderLastLocation

**Amazon Simple
Storage Service (S3)**

### Data Analytics

**AWS Glue**

Parquet

**Amazon Simple
Storage Service (S3)**

**Amazon Athena**

**Amazon Quick Sight**

Notification/
orderStatus

**Amazon Simple
Notification Service**

HTTP/S
SMS
EMAIL
PUSH

**users**