1. Cd /usr/hdp/current/kafka-broker/bin
2. ./kafka-topics.sh --create --topic trucking\_data\_truck --replication-factor=1 --partitions=1 --zookeeper=localhost:2181
3. ./kafka-topics.sh --create --topic trucking\_data\_traffic --replication-factor=1 --partitions=1 --zookeeper=localhost:2181
4. From ambari navigate to the schema registry UI
5. Click on + to create a new schema

#### Specify the name as trucking\_data\_traffic

1. Specify the description also as trucking\_data\_traffic
2. Specify the json

{

"type": "record",

"namespace": "com.orendainx.hortonworks.trucking",

"name": "TrafficData",

"fields": [

{

"name": "eventTime",

"type": "long"

},

{

"name": "routeId",

"type": "int"

},

{

"name": "congestionLevel",

"type": "int"

}

]

}

1. Save the schema
2. Click on + to create a new schema

#### Specify the name and description as trucking\_data\_truck

1. Specify the json as below

{

"type": "record",

"namespace": "com.orendainx.hortonworks.trucking",

"name": "EnrichedTruckData",

"fields": [

{

"name": "eventTime",

"type": "long"

},

{

"name": "truckId",

"type": "int"

},

{

"name": "driverId",

"type": "int"

},

{

"name": "driverName",

"type": "string"

},

{

"name": "routeId",

"type": "int"

},

{

"name": "routeName",

"type": "string"

},

{

"name": "latitude",

"type": "double"

},

{

"name": "longitude",

"type": "double"

},

{

"name": "speed",

"type": "int"

},

{

"name": "eventType",

"type": "string"

},

{

"name": "foggy",

"type": "int"

},

{

"name": "rainy",

"type": "int"

},

{

"name": "windy",

"type": "int"

}

]

}