**Case 1: Age is EVEN**

**Input**

http://localhost:8080/api/kafka/send

{

    "name": "John Doe",

    "address": "123 Main St",

    "dateOfBirth": "1990-05-23"

}

**Output**

**Kafka-App**

2024-11-03 14:00:56 INFO c.k.app.service.KafkaConsumerService - Processed message from Topic: SOURCE\_TOPIC Data: {name=John Doe, address=123 Main St, dateOfBirth=1990-05-23}

2024-11-03 14:00:56 INFO c.k.app.service.KafkaConsumerService - Processed message from Topic: EVEN\_TOPIC Data: {name=John Doe, address=123 Main St, dateOfBirth=1990-05-23}

**Result**:

As expected the data published in Source topic is processed by kafka pipeline processor and published data in EVEN TOPIC for even age

**Case 2: Age is ODD**

**Input**

http://localhost:8080/api/kafka/send

{

    "name": "John Doe",

    "address": "123 Main St",

    "dateOfBirth": "1991-05-23"

}

**Output**

**Kafka-App**

2024-11-03 14:04:10 INFO c.k.app.service.KafkaConsumerService - Processed message from Topic: SOURCE\_TOPIC Data: {name=John Doe, address=123 Main St, dateOfBirth=1991-05-23}

2024-11-03 14:04:10 INFO c.k.app.service.KafkaConsumerService - Processed message from Topic: ODD\_TOPIC Data: {name=John Doe, address=123 Main St, dateOfBirth=1991-05-23}

**Result**: As expected the data published in Source topic is processed by kafka pipeline processor and published data in ODD TOPIC for odd age

**Case 3: Age is INVALID ( i.e greater than 170)**

**Input**

http://localhost:8080/api/kafka/send

{

    "name": "John Doe",

    "address": "123 Main St",

    "dateOfBirth": "1781-05-23"

}

**Output**

**Kafka-App**

2024-11-03 14:06:10 INFO c.k.app.service.KafkaConsumerService - Processed message from Topic: SOURCE\_TOPIC Data: {name=John Doe, address=123 Main St, dateOfBirth=1781-05-23}

**Kafka-Pipeline-Processor**

**2024-11-03 14:06:10 INFO c.k.p.p.function.LogInvalidDataFn - Invalid Data: Name: John Doe Date of Birth: 1781-05-23**

**Result**: As expected the data published in SOURCE topic is processed by kafka pipeline processor and logged as the age is invalid