POST <http://127.0.0.1:8000/produce>

"Content-Type: application/json \

**Request**-

{"key": "user5", "value": {"action": "Register", "timestamp": "2025-01-08T10:00:00Z"}}

**Response** –

**{**

**"status": "success",**

**"message": {**

**"key": "user5",**

**"value": {**

**"action": "Register",**

**"timestamp": "2025-01-08T10:00:00Z"**

**}**

**}**

**}**

NFO:logger:Application is starting.

INFO: Application startup complete.

INFO:Kafka.producer:Kafka Producer started.

INFO:Kafka.producer:Message produced to topic :'TestforKeybasedpartition' Partition : 'RecordMetadata(topic='TestforKeybasedpartition', partition=2, topic\_partition=TopicPartition(topic='TestforKeybasedpartition', **partition=2),** offset=0, timestamp=1736344239176, timestamp\_type=0, log\_start\_offset=0)': key=**'user1'** value={'action': 'login', 'timestamp': '2025-01-08T10:00:00Z'}

INFO: 127.0.0.1:51022 - "POST /produce HTTP/1.1" 200 OK

INFO:Kafka.producer:Message produced to topic :'TestforKeybasedpartition' Partition : 'RecordMetadata(topic='TestforKeybasedpartition', partition=2, topic\_partition=TopicPartition(topic='TestforKeybasedpartition', **partition=2),** offset=1, timestamp=1736344306872, timestamp\_type=0, log\_start\_offset=0)': key='**user1**' value={'action': 'Register', 'timestamp': '2025-01-08T10:00:00Z'}

INFO: 127.0.0.1:51032 - "POST /produce HTTP/1.1" 200 OK

INFO:Kafka.producer:Message produced to topic :'TestforKeybasedpartition' Partition : 'RecordMetadata(topic='TestforKeybasedpartition', partition=1, topic\_partition=TopicPartition(topic='TestforKeybasedpartition'**, partition=1),** offset=0, timestamp=1736344356942, timestamp\_type=0, log\_start\_offset=0)': key='**user2**' value={'action': 'Register', 'timestamp': '2025-01-08T10:00:00Z'}

INFO: 127.0.0.1:51038 - "POST /produce HTTP/1.1" 200 OK

INFO:Kafka.producer:Message produced to topic :'TestforKeybasedpartition' Partition : 'RecordMetadata(topic='TestforKeybasedpartition', **partition=3,** topic\_partition=TopicPartition(topic='TestforKeybasedpartition', partition=3), offset=0, timestamp=1736344375471, timestamp\_type=0, log\_start\_offset=0)': key=**'user3'** value={'action': 'Register', 'timestamp': '2025-01-08T10:00:00Z'}

INFO: 127.0.0.1:51039 - "POST /produce HTTP/1.1" 200 OK

INFO:Kafka.producer:Message produced to topic :'TestforKeybasedpartition' Partition : 'RecordMetadata(topic='TestforKeybasedpartition', part log\_start\_offset=0)': key=**'user2'** value={'action': 'Register', 'timestamp': '2025-01-08T10:00:00Z'}

INFO: 127.0.0.1:51038 - "POST /produce HTTP/1.1" 200 OK

INFO:Kafka.producer:Message produced to topic :'TestforKeybasedpartition' Partition : 'RecordMetadata(topic='TestforKeybasedpartition'**, partition=3,** topic\_partition=TopicPartition(topic='TestforKeybasedpartition', partition=3), offset=0, timestamp=1736344375471, timestamp\_type=0, log\_start\_offset=0)': key=**'user3**' value={'action': 'Register', 'timestamp': '2025-01-08T10:00:00Z'}

INFO: 127.0.0.1:51039 - "POST /produce HTTP/1.1" 200 OK

INFO:Kafka.producer:Message produced to topic :'TestforKeybasedpartition' Partition : 'RecordMetadata(topic='TestforKeybasedpartition', partition=1, topic\_partition=TopicPartition(topic='TestforKeybasedpartition', partition=1), offset=1, timestamp=1736344392961, timestamp\_type=0,ition=3, topic\_partition=TopicPartition(topic='TestforKeybasedpartition', **partition=3),** offset=0, timestamp=1736344375471, timestamp\_type=0, log\_start\_offset=0)': **key='user3'** value={'action': 'Register', 'timestamp': '2025-01-08T10:00:00Z'}

INFO: 127.0.0.1:51039 - "POST /produce HTTP/1.1" 200 OK

INFO:Kafka.producer:Message produced to topic :'TestforKeybasedpartition' Partition : 'RecordMetadata(topic='TestforKeybasedpartition', partition=1, topic\_partition=TopicPartition(topic='TestforKeybasedpartition', **partition=1**), offset=1, timestamp=1736344392961, timestamp\_type=0, log\_start\_offset=0)': key=**'user3'** value={'action': 'Register', 'timestamp': '2025-01-08T10:00:00Z'}

INFO: 127.0.0.1:51039 - "POST /produce HTTP/1.1" 200 OK

INFO:Kafka.producer:Message produced to topic :'TestforKeybasedpartition' Partition : 'RecordMetadata(topic='TestforKeybasedpartition', partition=1, topic\_partition=TopicPartition(topic='TestforKeybasedpartition', partition=1), offset=1, timestamp=1736344392961, timestamp\_type=0,INFO: 127.0.0.1:51039 - "POST /produce HTTP/1.1" 200 OK

INFO:Kafka.producer:Message produced to topic :'TestforKeybasedpartition' Partition : 'RecordMetadata(topic='TestforKeybasedpartition', partition=1, topic\_partition=TopicPartition(topic='TestforKeybasedpartition', partition=1), offset=1, timestamp=1736344392961, timestamp\_type=0,INFO:Kafka.producer:Message produced to topic :'TestforKeybasedpartition' Partition : 'RecordMetadata(topic='TestforKeybasedpartition', partition=1, topic\_partition=TopicPartition(topic='TestforKeybasedpartition', **partition=1**), offset=1, timestamp=1736344392961, timestamp\_type=0, log\_start\_offset=0)': key=**'user4'** value={'action': 'Register', 'timestamp': '2025-01-08T10:00:00Z'}

ition=1, topic\_partition=TopicPartition(topic='TestforKeybasedpartition', **partition=1**), offset=1, timestamp=1736344392961, timestamp\_type=0, log\_start\_offset=0)': key=**'user4'** value={'action': 'Register', 'timestamp': '2025-01-08T10:00:00Z'}

log\_start\_offset=0)': key='user4' value={'action': 'Register', 'timestamp': '2025-01-08T10:00:00Z'}

INFO: 127.0.0.1:51041 - "POST /produce HTTP/1.1" 200 OK

INFO:Kafka.producer:Message produced to topic :'TestforKeybasedpartition' Partition : 'RecordMetadata(topic='TestforKeybasedpartition', partition=2, topic\_partition=TopicPartition(topic='TestforKeybasedpartition', partition=2), offset=2, timestamp=1736344426636, timestamp\_type=0,INFO:Kafka.producer:Message produced to topic :'TestforKeybasedpartition' Partition : 'RecordMetadata(topic='TestforKeybasedpartition', partition=2, topic\_partition=TopicPartition(topic='TestforKeybasedpartition', partition=2), offset=2, timestamp=1736344426636, timestamp\_type=0,ition=2, topic\_partition=TopicPartition(topic='TestforKeybasedpartition'**, partition=2**), offset=2, timestamp=1736344426636, timestamp\_type=0, log\_start\_offset=0)': key=**'user5'** value={'action': 'Register', 'timestamp': '2025-01-08T10:00:00Z'}

INFO: 127.0.0.1:51043 - "POST /produce HTTP/1.1" 200 OK