

# Download restaurant data from below mentioned link

Download Data Link ->

[https://github.com/shashank-mishra219/Confluent-Kafka-Setup/blob/main/restaurant\\_orders.csv](https://github.com/shashank-mishra219/Confluent-Kafka-Setup/blob/main/restaurant_orders.csv)

Complete the given below task to finish this assignment.

1. Setup Confluent Kafka Account
2. Create one kafka topic named as "restaurant-take-away-data"/ "restaurant\_order\_topic" with partitions
3. Setup key (string) & value (json) schema in the confluent schema registry
4. Write a kafka producer program (python or any other language) to read data records from restaurant data csv file, make sure schema is not hardcoded in the producer code, read the latest version of schema and schema\_str from schema registry and use it for data serialization.
5. From producer code, publish data in Kafka Topic one by one and use dynamic key while publishing the records into the Kafka Topic
6. Write kafka consumer code and create two copies of same consumer code and save it with different names (kafka\_consumer\_1.py & kafka\_consumer\_2.py), again make sure latest schema version and schema\_str is not hardcoded in the consumer code, read it automatically from the schema registry to deserialize the data.

Now test two scenarios with your consumer code:

a.) Use "group.id" property in consumer config for both consumers and mention different group\_ids in kafka\_consumer\_1.py & kafka\_consumer\_2.py, apply "earliest" offset property in both consumers and run these two consumers from two different terminals. Calculate how many records each consumer consumed and printed on the terminal

b.) Use "group.id" property in consumer config for both consumers and mention same group\_ids in kafka\_consumer\_1.py & kafka\_consumer\_2.py, apply "earliest" offset property in both consumers and run these two consumers from two different terminals. Calculate how many records each consumer consumed and printed on the terminal

7. Once above questions are done, write another kafka consumer to read data from kafka topic and from the consumer code create one csv file "output.csv" and append consumed records output.csv file
-

## 1 Producer – 1 Consumer

<pre>User record b'fc364318-d302-47b2-af69-31eeaa59477c': order: {'order_number': 37 06, 'order_date': '14/11/2016 13:31', 'item_name': 'House Red wine 75cl', 'quan tity': 2, 'product_price': 17.95, 'total_products': 6}  User record b'202c3a6-3a3f-4e59-94fc-1eb9c1327226': order: {'order_number': 31 78, 'order_date': '18/09/2016 12:30', 'item_name': 'House Red wine 75cl', 'quan tity': 2, 'product_price': 17.95, 'total_products': 5}  User record b'7c164ccd-1187-4552-b2f3-051a7a2d1a52': order: {'order_number': 31 54, 'order_date': '15/09/2016 18:45', 'item_name': 'House Red wine 75cl', 'quan tity': 2, 'product_price': 17.95, 'total_products': 5}  User record b'70e13fd9-9d66-4900-a66e-38ec2f0aa614': order: {'order_number': 26 28, 'order_date': '04/06/2016 13:38', 'item_name': 'House Red wine 75cl', 'quan tity': 2, 'product_price': 17.95, 'total_products': 7}  User record b'706e6169-c05e-4d8d-9ec1-0ca231b7363c': order: {'order_number': 25 03, 'order_date': '18/07/2016 19:57', 'item_name': 'House Red wine 75cl', 'quan tity': 2, 'product_price': 17.95, 'total_products': 6}  User record b'95fa4230-dda1-4288-854b-11c7d39373a': order: {'order_number': 27 30, 'order_date': '18/07/2016 19:57', 'item_name': 'House Red wine 75cl', 'quan tity': 1, 'product_price': 17.95, 'total_products': 6}  User record b'305dcf05-2fa3-4db6-beaa-bd86b60d762f': order: {'order_number': 22 49, 'order_date': '07/04/2016 19:04', 'item_name': 'House white wine 75cl', 'qu antity': 1, 'product_price': 17.95, 'total_products': 6}  User record b'ad9e2b5a-1837-4668-9801-fde5de8b47dc': order: {'order_number': 28 14, 'order_date': '31/07/2016 12:51', 'item_name': 'House Red wine 75cl', 'quan tity': 1, 'product_price': 17.95, 'total_products': 11}</pre>	<pre>User record b'4e20ea93-112c-4d72-923e-47fbd6cbab80': successfully produced to r estaurant_order_topic_1 [2] at offset 138059 User record b'd861baf0-6f9d-44c3-a493-5a7d574fdfab': successfully produced to r estaurant_order_topic_1 [2] at offset 138060 User record b'ca7e170d-90a3-43c1-bb44-c6210bbf48c4': successfully produced to r estaurant_order_topic_1 [4] at offset 138174 User record b'29aef069-8492-4629-924e-cfdc2580b3bb': successfully produced to r estaurant_order_topic_1 [4] at offset 138175 User record b'63829a3b-37af-4d42-b3b2-f0c633b34655': successfully produced to r estaurant_order_topic_1 [4] at offset 138176 User record b'48c40199-695a-4280-9312-72287c017e42': successfully produced to r estaurant_order_topic_1 [4] at offset 138177 User record b'0dd7e467-4888-426b-913c-e96d7e8dda0a': successfully produced to r estaurant_order_topic_1 [0] at offset 137990 User record b'30c71b7c-4992-4595-bd66-10ad7f689636': successfully produced to r estaurant_order_topic_1 [0] at offset 137991 User record b'257d18eb-4acc-4b23-88a5-f5d43783f787': successfully produced to r estaurant_order_topic_1 [0] at offset 137992 User record b'65aae9cc-859d-477c-9d29-88d8f16a3b93': successfully produced to r estaurant_order_topic_1 [4] at offset 138178 User record b'c3b0eaal-3f45-41a8-89bd-51187fcfeb95': successfully produced to r estaurant_order_topic_1 [4] at offset 138179 User record b'e012aaa8-54ad-4b95-b0e4-7ca384a3bc12': successfully produced to r estaurant_order_topic_1 [4] at offset 138180 User record b'95fa4230-dda1-4288-854b-11c7d39373a': successfully produced to r estaurant_order_topic_1 [1] at offset 138547 User record b'305dcf05-2fa3-4db6-beaa-bd86b60d762f': successfully produced to r estaurant_order_topic_1 [1] at offset 138548 User record b'4980b9f0-3b0d-4a52-8bb7-a075d520a399': successfully produced to r estaurant_order_topic_1 [0] at offset 137993 User record b'13e48bde-632e-4ff5-aab4-8ef0f17dcefa': successfully produced to r estaurant_order_topic_1 [0] at offset 137994 User record b'70e13fd9-9d66-4900-a66e-38ec2f0aa614': successfully produced to r estaurant_order_topic_1 [2] at offset 138061 User record b'ad9e2b5a-1837-4668-9801-fde5de8b47dc': successfully produced to r estaurant_order_topic_1 [3] at offset 138111 User record b'706e6169-c05e-4d0d-9ec1-0ca231b7363c': successfully produced to r estaurant_order_topic_1 [2] at offset 138062 PS C:\Users\Adithya&gt; █</pre>
--	--

## 1 Producer – 2 Consumers with Same Grp Id

<pre>User record b'211795a3-f91f-47d6-a085-07c57b5c1813': order: {'order_number': 33 20, 'order_date': '09/10/2016 14:41', 'item_name': 'House Red wine 75cl', 'quan tity': 1, 'product_price': 17.95, 'total_products': 9}  User record b'af30ec5c-5af3-4f0e-b41c-19ef672fd706': order: {'order_number': 32 29, 'order_date': '25/09/2016 13:41', 'item_name': 'House Red wine 75cl', 'quan tity': 1, 'product_price': 17.95, 'total_products': 9}  User record b'd852a33-2af1-40be-b2b3-35e0f50c53c': order: {'order_number': 31 76, 'order_date': '18/09/2016 12:30', 'item_name': 'House Red wine 75cl', 'quan tity': 2, 'product_price': 17.95, 'total_products': 5}  User record b'6c4d3981-9ef0-451f-b357-336e1dc078ca': order: {'order_number': 31 61, 'order_date': '16/09/2016 18:11', 'item_name': 'House Red wine 75cl', 'quan tity': 2, 'product_price': 17.95, 'total_products': 7}  User record b'4308a421-08f8-42f8-0223-abb458bc0409': order: {'order_number': 27 30, 'order_date': '18/07/2016 19:57', 'item_name': 'House Red wine 75cl', 'quan tity': 1, 'product_price': 17.95, 'total_products': 6}  User record b'90366208-a85a-40a3-bd0b-35edcdce0540': order: {'order_number': 25 18, 'order_date': '14/05/2016 18:53', 'item_name': 'House Red wine 75cl', 'quan tity': 2, 'product_price': 17.95, 'total_products': 7}  User record b'ef9ab6c3-35ef-4bd7-ae18-208e775f7f00': order: {'order_number': 25 03, 'order_date': '14/05/2016 19:20', 'item_name': 'House Red wine 75cl', 'quan tity': 2, 'product_price': 17.95, 'total_products': 6}  User record b'b406472f-6939-4032-b2df-a870b43629c': order: {'order_number': 22 49, 'order_date': '07/04/2016 19:04', 'item_name': 'House white wine 75cl', 'qu antity': 1, 'product_price': 17.95, 'total_products': 6}  User record b'a52096aa-fdc2-416d-43b7-506c1ee277b': order: {'order_number': 14 03, 'order_date': '02/10/2015 17:29', 'item_name': 'House Red wine 75cl', 'quan tity': 1, 'product_price': 17.95, 'total_products': 9}</pre>	<pre>User record b'30b0593-c435-4f1d-bf78-b74f01f000da': order: {'order_number': 37 77, 'order_date': '22/11/2016 12:40', 'item_name': 'House Red wine 75cl', 'quan tity': 2, 'product_price': 17.95, 'total_products': 7}  User record b'fda30172-0b66-42fa-acd5-7097ed0a5a1f': order: {'order_number': 34 49, 'order_date': '17/10/2016 12:08', 'item_name': 'House Red wine 75cl', 'quan tity': 2, 'product_price': 17.95, 'total_products': 7}  User record b'd02f2575-0039-4c16-afda-1a7ade20a227': order: {'order_number': 33 54, 'order_date': '09/10/2016 11:40', 'item_name': 'House Red wine 75cl', 'quan tity': 2, 'product_price': 17.95, 'total_products': 6}  User record b'a10bf048-b066-4a33-937b-3a741cd4c0c4': order: {'order_number': 31 97, 'order_date': '20/09/2016 19:02', 'item_name': 'House Red wine 75cl', 'quan tity': 2, 'product_price': 17.95, 'total_products': 5}  User record b'2d0eb074-c0ef-4208-b647-35602ac3e252': order: {'order_number': 31 54, 'order_date': '15/09/2016 18:45', 'item_name': 'House Red wine 75cl', 'quan tity': 2, 'product_price': 17.95, 'total_products': 5}  User record b'820e0802-1eca-4a70-857b-f0d4f4b0a0ff': order: {'order_number': 32 15, 'order_date': '24/09/2016 17:28', 'item_name': 'House Red wine 75cl', 'quan tity': 1, 'product_price': 17.95, 'total_products': 7}  User record b'7146f349-7fb3-4023-850c-5d4d76dfc254': order: {'order_number': 31 46, 'order_date': '13/09/2016 18:20', 'item_name': 'House Red wine 75cl', 'quan tity': 2, 'product_price': 17.95, 'total_products': 4}  User record b'd47080c1-5d67-474f-a179-30400547834': order: {'order_number': 28 14, 'order_date': '31/07/2016 12:51', 'item_name': 'House Red wine 75cl', 'quan tity': 1, 'product_price': 17.95, 'total_products': 11}  User record b'cf1a0f56-b31f-404f-a09a-b73dc4872f12': order: {'order_number': 24 07, 'order_date': '10/05/2016 13:18', 'item_name': 'House Red wine 75cl', 'quan tity': 2, 'product_price': 17.95, 'total_products': 9}</pre>	<pre>User record b'211795a3-f91f-47d6-a085-07c57b5c1813': successfully produced to r estaurant_order_topic_1 [4] at offset 153139 User record b'62a0e01f-2a0b-421f-bada-aad9830a6dc': successfully produced to r estaurant_order_topic_1 [3] at offset 153121 User record b'e10bf048-b066-4a33-937b-3a741cd4c0c4': successfully produced to r estaurant_order_topic_1 [1] at offset 153498 User record b'af30ec5c-5af3-4f0e-b41c-19ef672fd706': successfully produced to r estaurant_order_topic_1 [4] at offset 153140 User record b'2d0eb074-c0ef-4208-b647-35602ac3e252': successfully produced to r estaurant_order_topic_1 [1] at offset 153409 User record b'6802a037-2a0b-420e-bc23-3a00f50a53c': successfully produced to r estaurant_order_topic_1 [4] at offset 153141 User record b'6c4d3981-9ef0-451f-b357-336e1dc078ca': successfully produced to r estaurant_order_topic_1 [4] at offset 153142 User record b'4308a421-08f8-42f8-0223-abb458bc0409': successfully produced to r estaurant_order_topic_1 [4] at offset 153143 User record b'c1c1a2f8-c88e-4e1e-9b44-eab84408116c': successfully produced to r estaurant_order_topic_1 [3] at offset 153122 User record b'7d700054-a069-451b-b808-890d004f8d4f': successfully produced to r estaurant_order_topic_1 [3] at offset 153123 User record b'00004e10-e964-454b-9e3c-65ed3792b07d': successfully produced to r estaurant_order_topic_1 [3] at offset 153124 User record b'a52096aa-fdc2-416d-43b7-506c1ee277b': successfully produced to r estaurant_order_topic_1 [3] at offset 153125 User record b'90366208-a85a-40a3-bd0b-35edcdce0540': successfully produced to r estaurant_order_topic_1 [4] at offset 153144 User record b'ef9ab6c3-35ef-4bd7-ae18-208e775f7f00': successfully produced to r estaurant_order_topic_1 [4] at offset 153145 User record b'b406472f-6939-4032-b2df-a870b43629c': successfully produced to r estaurant_order_topic_1 [4] at offset 153146 User record b'020e0802-1eca-4a70-857b-f0d4f4b0a0ff': successfully produced to r estaurant_order_topic_1 [0] at offset 153011 User record b'7146f349-7fb3-4023-850c-5d4d76dfc254': successfully produced to r estaurant_order_topic_1 [0] at offset 153012 User record b'd47080c1-5d67-474f-a179-3040005d7834': successfully produced to r estaurant_order_topic_1 [0] at offset 153013 User record b'cf1a0f56-b31f-404f-a09a-b73dc4872f12': successfully produced to r estaurant_order_topic_1 [0] at offset 153014 PS C:\Users\Adithya&gt; █</pre>
---	--	---

As we can see from the above image, if Two Consumers with same Grp Id are made to run parallelly, the data is shared between the two consumers, i.e., Data is split up between two of them thereby helping to improve parallelism.

## 1 Producer – 2 Consumers with Different Grp Id

```
User record b'5b492d2-1c41-491e-8f90-9496dd88811a': order: {'order_number': 45
07, 'order_date': '09/02/2017 20:47', 'item_name': 'House white wine 75cl', 'quan
tity': 1, 'product_price': 17.95, 'total_products': 6}

User record b'fc363188-d905-47b2-af69-31eeaa59477c': order: {'order_number': 37
86, 'order_date': '14/11/2016 13:31', 'item_name': 'House Red wine 75cl', 'quan
tity': 2, 'product_price': 17.95, 'total_products': 6}

User record b'70d3c3ae-3a3f-4a59-94fc-1a69c1327226': order: {'order_number': 31
78, 'order_date': '18/09/2016 12:30', 'item_name': 'House Red wine 75cl', 'quan
tity': 2, 'product_price': 17.95, 'total_products': 5}

User record b'7c1564cd-1187-4552-b2f3-051a7ad1a53': order: {'order_number': 31
54, 'order_date': '15/09/2016 18:45', 'item_name': 'House Red wine 75cl', 'quan
tity': 2, 'product_price': 17.95, 'total_products': 5}

User record b'70e13f49-9466-4900-a66e-38ec2f8a614': order: {'order_number': 26
28, 'order_date': '04/06/2016 13:38', 'item_name': 'House Red wine 75cl', 'quan
tity': 2, 'product_price': 17.95, 'total_products': 7}

User record b'70e61699-c95e-4d8d-9ec1-8ca231b7363c': order: {'order_number': 25
03, 'order_date': '14/05/2016 19:28', 'item_name': 'House Red wine 75cl', 'quan
tity': 2, 'product_price': 17.95, 'total_products': 7}

User record b'70e61699-c95e-4d8d-9ec1-8ca231b7363c': order: {'order_number': 25
03, 'order_date': '14/05/2016 19:28', 'item_name': 'House Red wine 75cl', 'quan
tity': 2, 'product_price': 17.95, 'total_products': 7}

User record b'305dcf05-2fa3-4d86-baa-bd86b6d762f': order: {'order_number': 22
49, 'order_date': '07/04/2016 19:04', 'item_name': 'House white wine 75cl', 'qu
antity': 1, 'product_price': 17.95, 'total_products': 6}

User record b'ad9c2b5a-1837-4668-9801-fde5de8b47dc': order: {'order_number': 28
14, 'order_date': '31/07/2016 12:51', 'item_name': 'House Red wine 75cl', 'quan
tity': 1, 'product_price': 17.95, 'total_products': 11}

74818
PS C:\Users\Adithya>

User record b'fc363188-d905-47b2-af69-31eeaa59477c': order: {'order_number': 37
86, 'order_date': '14/11/2016 13:31', 'item_name': 'House Red wine 75cl', 'quan
tity': 2, 'product_price': 17.95, 'total_products': 6}

User record b'70d3c3ae-3a3f-4a59-94fc-1a69c1327226': order: {'order_number': 31
78, 'order_date': '18/09/2016 12:30', 'item_name': 'House Red wine 75cl', 'quan
tity': 2, 'product_price': 17.95, 'total_products': 5}

User record b'7c1564cd-1187-4552-b2f3-051a7ad1a53': order: {'order_number': 31
54, 'order_date': '15/09/2016 18:45', 'item_name': 'House Red wine 75cl', 'quan
tity': 2, 'product_price': 17.95, 'total_products': 5}

User record b'70e13f49-9466-4900-a66e-38ec2f8a614': order: {'order_number': 26
28, 'order_date': '04/06/2016 13:38', 'item_name': 'House Red wine 75cl', 'quan
tity': 2, 'product_price': 17.95, 'total_products': 7}

User record b'70e61699-c95e-4d8d-9ec1-8ca231b7363c': order: {'order_number': 25
03, 'order_date': '14/05/2016 19:28', 'item_name': 'House Red wine 75cl', 'quan
tity': 2, 'product_price': 17.95, 'total_products': 7}

User record b'70e61699-c95e-4d8d-9ec1-8ca231b7363c': order: {'order_number': 25
03, 'order_date': '14/05/2016 19:28', 'item_name': 'House Red wine 75cl', 'quan
tity': 2, 'product_price': 17.95, 'total_products': 7}

User record b'305dcf05-2fa3-4d86-baa-bd86b6d762f': order: {'order_number': 22
49, 'order_date': '07/04/2016 19:04', 'item_name': 'House white wine 75cl', 'qu
antity': 1, 'product_price': 17.95, 'total_products': 6}

User record b'ad9c2b5a-1837-4668-9801-fde5de8b47dc': order: {'order_number': 28
14, 'order_date': '31/07/2016 12:51', 'item_name': 'House Red wine 75cl', 'quan
tity': 1, 'product_price': 17.95, 'total_products': 11}

74818
PS C:\Users\Adithya>

User record b'4e20ea93-112c-4df2-923e-47fbd5cab880' successfully produced to r
estaurant_order_topic_1 [2] at offset 13869
User record b'd8313a76-d9d-44c3-a493-5a7d574dfab' successfully produced to r
estaurant_order_topic_1 [2] at offset 13869
User record b'ca7e178d-90a3-43c1-bb44-c6218b8f48c4' successfully produced to r
estaurant_order_topic_1 [4] at offset 138174
User record b'2bae78a9-8a02-4629-924e-cfde258b3bb' successfully produced to r
estaurant_order_topic_1 [4] at offset 138175
User record b'63829a38-37af-4d42-b3b2-f8c33b34655' successfully produced to r
estaurant_order_topic_1 [4] at offset 138176
User record b'4a48199-695a-4288-9312-72227c817642' successfully produced to r
estaurant_order_topic_1 [4] at offset 138177
User record b'0d7e467-4888-4268-913c-e9d7e8dda8a' successfully produced to r
estaurant_order_topic_1 [0] at offset 137990
User record b'30c71b7c-4092-4595-bd66-10a3f7689636' successfully produced to r
estaurant_order_topic_1 [0] at offset 137991
User record b'25d11a8b-4acc-4b21-8845-f5d3783f787' successfully produced to r
estaurant_order_topic_1 [0] at offset 137992
User record b'65aa99c-859d-477c-9d29-88d8f16a309' successfully produced to r
estaurant_order_topic_1 [4] at offset 138178
User record b'c206aa3-3f45-41a8-89d8-511074feb95' successfully produced to r
estaurant_order_topic_1 [4] at offset 138179
User record b'e012aa8-54ad-4b95-bd64-7ca184a3bc12' successfully produced to r
estaurant_order_topic_1 [4] at offset 138180
User record b'95fa4238-dad1-4288-854b-11c76d39373a' successfully produced to r
estaurant_order_topic_1 [1] at offset 138547
User record b'305dcf05-2fa3-4d86-baa-bd86b6d762f' successfully produced to r
estaurant_order_topic_1 [1] at offset 138548
User record b'40989916-3b9d-4d52-8a07-a076528a399' successfully produced to r
estaurant_order_topic_1 [0] at offset 137993
User record b'13e8db8e-632e-4ff5-aab4-8ef0117dcfa' successfully produced to r
estaurant_order_topic_1 [0] at offset 137994
User record b'70e13f49-9466-4900-a66e-38ec2f8a614' successfully produced to r
estaurant_order_topic_1 [2] at offset 138661
User record b'ad9c2b5a-1837-4668-9801-fde5de8b47dc' successfully produced to r
estaurant_order_topic_1 [3] at offset 138111
User record b'70e61699-c95e-4d8d-9ec1-8ca231b7363c' successfully produced to r
estaurant_order_topic_1 [2] at offset 138662
PS C:\Users\Adithya>
```

If Two Consumers with different Grp Id are made to run parallelly, the records that are generated from the producer are read by both the consumers as whole.

output.csv got generated after consumer code ran

```
User record b'90b1d487-6a6c-4b6a-8569-3dd3bcbbd0ce': order: {'order_number': 2518, 'order_date': '18/05/2016 18:53', 'item_name': 'House Red wine 75cl', 'quantity': 2, 'product_price': 17.95, 'total_products': 7}
User record b'8a3b62ae-d6c0-4167-aae2-23d213ca4979': order: {'order_number': 2249, 'order_date': '07/04/2016 19:04', 'item_name': 'House white wine 75cl', 'quantity': 1, 'product_price': 17.95, 'total_products': 6}
User record b'5db2e66a-3a80-4437-976d-44fa57f6a8d5': order: {'order_number': 2628, 'order_date': '04/06/2016 13:38', 'item_name': 'House Red wine 75cl', 'quantity': 2, 'product_price': 17.95, 'total_products': 7}
User record b'1719ec79-6b44-4b86-8686-b45c517d54e7': order: {'order_number': 2594, 'order_date': '30/05/2016 10:52', 'item_name': 'House Red wine 75cl', 'quantity': 2, 'product_price': 17.95, 'total_products': 6}

C:\Users\Adithya\Desktop\1Neuron\Assignment_Kafka>dir
Volume in drive C has no label.
Volume Serial Number is D058-A266

Directory of C:\Users\Adithya\Desktop\1Neuron\Assignment_Kafka

15-12-2022 13:55 <DIR> .
15-12-2022 13:55 <DIR> ..
05-12-2022 20:54 13,783 Kafka Assignment.docx
01-10-2022 10:59 2,114 kafka_assignment.txt
15-12-2022 13:28 3,297 kafka_restaurant_order_consumer.py
15-12-2022 13:04 4,306 kafka_restaurant_order_consumer1.py
15-12-2022 13:04 4,396 kafka_restaurant_order_consumer2.py
15-12-2022 12:21 4,794 kafka_restaurant_order_producer.py
15-12-2022 13:55 2,049,927 output.csv
13-12-2022 16:41 526 restaurant_orders.csv
01-10-2022 10:59 3,451,258 restaurant_orders1.csv
10-10-2022 08:39 1,000 schema
15-12-2022 13:04 24 tempCodeRunnerFile.py
11 File(s) 5,535,515 bytes
2 Dir(s) 97,280,634,880 bytes free
```

	A	B	C	D	E	F	G
1	order_num	order_date	item_name	quantity	product_price	total_products	
2	14824	15-05-2019 18:09	Mango Chutney	1	0.5	10	
3	14784	12-05-2019 16:59	Mint Sauce	1	0.5	7	
4	14776	11-05-2019 21:32	Lime Pickle	1	0.5	10	
5	14776	11-05-2019 21:32	Mango Chutney	1	0.5	10	
6	14770	11-05-2019 20:28	Onion Chutney	1	0.5	12	
7	14770	11-05-2019 20:28	Mint Sauce	1	0.5	12	
8	14730	10-05-2019 18:14	Red Sauce	1	0.5	12	
9	14692	06-05-2019 18:52	Mango Chutney	1	0.5	4	
10	14686	06-05-2019 17:40	Mango Chutney	1	0.5	9	
11	14681	05-05-2019 20:54	Mango Chutney	2	0.5	11	
12	14675	05-05-2019 20:03	Mint Sauce	1	0.5	6	
13	14668	05-05-2019 19:20	Onion Chutney	1	0.5	6	
14	14663	05-05-2019 18:32	Mint Sauce	2	0.5	10	
15	14658	05-05-2019 17:01	Onion Chutney	1	0.5	7	
16	14644	04-05-2019 19:36	Onion Chutney	1	0.5	8	
17	14639	04-05-2019 19:06	Mint Sauce	1	0.5	8	
18	14632	04-05-2019 18:32	Onion Chutney	1	0.5	10	
19	14630	04-05-2019 18:21	Mango Chutney	2	0.5	8	
20	14608	03-05-2019 18:25	Mango Chutney	1	0.5	7	
21	14580	01-05-2019 18:44	Mango Chutney	1	0.5	10	
22	14568	30-04-2019 18:15	Mango Chutney	1	0.5	7	
23	14562	29-04-2019 21:51	Onion Chutney	1	0.5	6	
24	14556	29-04-2019 17:05	Mint Sauce	1	0.5	14	
25	14546	28-04-2019 18:16	Mint Sauce	1	0.5	14	
26	14531	27-04-2019 19:39	Mint Sauce	1	0.5	9	
27	14502	26-04-2019 20:10	Mint Sauce	1	0.5	7	
28	14494	26-04-2019 18:22	Mango Chutney	1	0.5	8	
29	14492	26-04-2019 17:43	Mint Sauce	2	0.5	12	
30	14472	23-04-2019 19:51	Mint Sauce	1	0.5	9	
31	14472	23-04-2019 19:51	Onion Chutney	1	0.5	9	
32	14464	22-04-2019 22:18	Mango Chutney	1	0.5	7	
33	14453	22-04-2019 18:35	Mango Chutney	1	0.5	9	
34	14431	20-04-2019 20:17	Mint Sauce	4	0.5	12	
35	14428	20-04-2019 20:04	Mango Chutney	1	0.5	9	

output