

1. Формирование OLAP отчета в API

Получить данные в API при помощи OLAP отчета можно следующими путями:

- получение данных по преднастроенному отчету в iikoOffice: в классическом приложении iikoOffice выбрать в навигационном меню раздела «Розничные продажи» - "OLAP Отчет по продажам", добавить в него поля и период для получения данных, сохранить данный вариант. Далее выгрузить список преднастроенных отчетов и получить информацию по полям и фильтрам при помощи метода «Получение отчета по сохраненной конфигурации».
- самостоятельное формирование отчета OLAP, руководствуясь документацией.

В обоих случаях рекомендуется использовать OLAP v2.

Тот же механизм доступен для работы с "OLAP Отчет по проводкам" в разделе "Финансы".

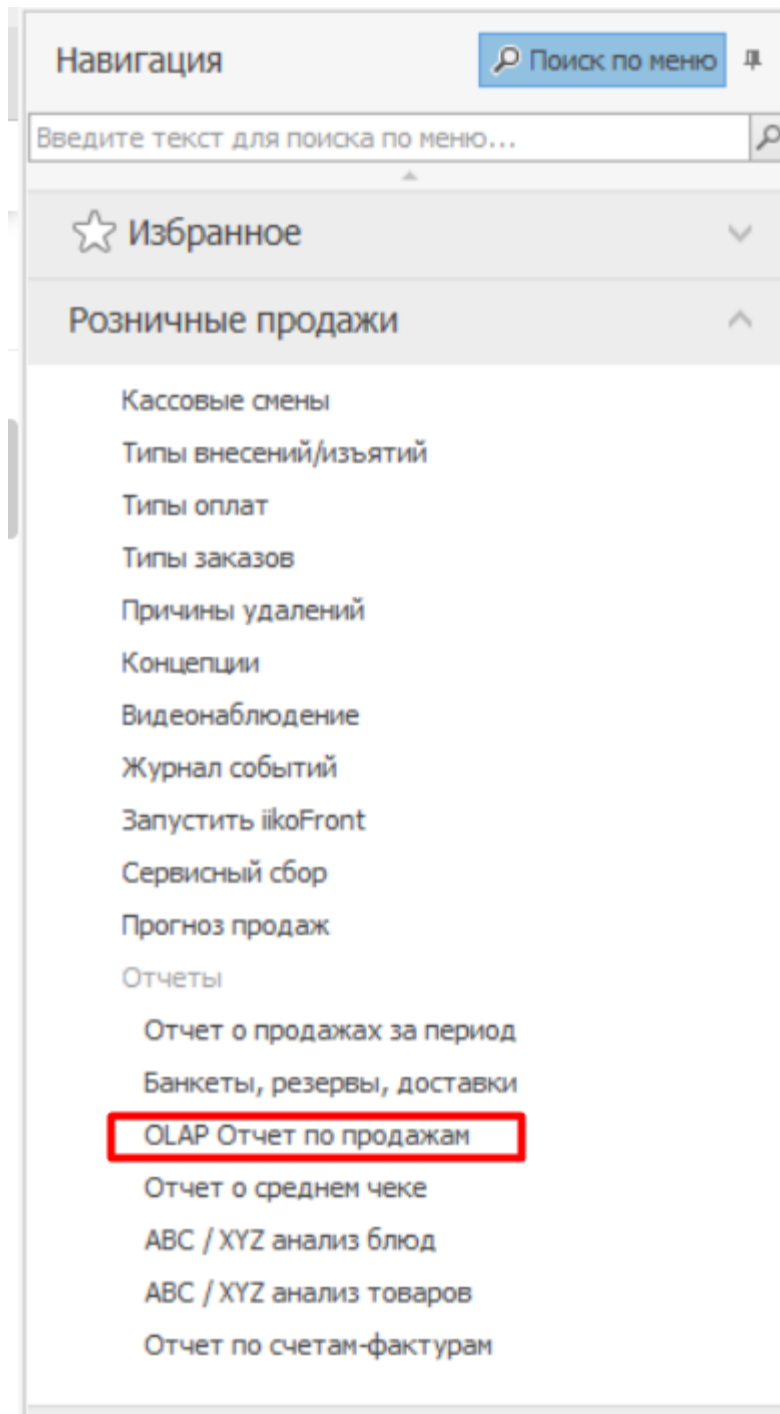
Описание примеров OLAP-отчетов в iikoOffice можно найти в [здесь](#).

Описание примеров OLAP-отчетов в API можно найти [здесь](#).

Подробное описание полей можно прочитать в [статье по полям OLAP-отчета по продажам](#) и в [статье по полям OLAP-отчета по проводкам](#).

Процесс формирования отчета в iikoOffice

В классическом приложении iikoOffice выберите "OLAP Отчет по продажам" в навигационном меню раздела «Розничные продажи»:



После запуска «OLAP Отчет по продажам» укажите период сбора данных, добавьте поля для сбора данных.

Учетный день	Номер смены	Время открытия	Время закрытия	Блюдо	ФИО клиента	Телефон клиента	Тип оплаты	Сумма без скидки, р.
18.03.2025	17	18.03.2025 11:30...	18.03.2025 12:00...	Лимонад	Пупкин Василий	+79785160513	Наличные	176,00р.
18.03.2025	17	18.03.2025 15:30...	18.03.2025 15:30...	Шоколад	Ермолаев Егор...	+79196129578	Наличные	50,00р.
18.03.2025	17	18.03.2025 19:10...	18.03.2025 19:10...	Пирожок	Ермолаев Егор...	+79196129578	Банковские ка...	240,00р.
18.03.2025	17	18.03.2025 19:10...	18.03.2025 19:10...	Пирожок	Ермолаев Егор...	+79196129578	Банковские ка...	240,00р.
18.03.2025	17	18.03.2025 19:10...	18.03.2025 19:10...	Пирожок	Ермолаев Егор...	+79196129578	Банковские ка...	240,00р.
18.03.2025	17	18.03.2025 19:20...	18.03.2025 19:20...	Пирожок	Ермолаев Егор...	+79196129578	Наличные	240,00р.
18.03.2025	17	18.03.2025 20:00...	18.03.2025 23:10...	Пирожок	Ермолаев Егор...	+79196129578	Наличные	240,00р.
18.03.2025	17	18.03.2025 20:00...	18.03.2025 23:10...	Пирожок	Ермолаев Егор...	+79196129578	Наличные	240,00р.
19.03.2025	12	19.03.2025 12:50...	19.03.2025 12:50...	Пирожок	Ермолаев Егор...	+79196129578	Банковские ка...	240,00р.
24.03.2025	10	24.03.2025 10:20...	24.03.2025 10:20...	Шоколад	Ермолаев Егор...	+79196129578	Наличные	50,00р.
17 всего								1956,00р.
24.03.2025	18	24.03.2025 13:20...	25.03.2025 12:40...	Пирожок			Наличные	240,00р.
Итого								2196,00р.

Далее сохраните сформированный отчет, дайте ему название.

Сохранить как...

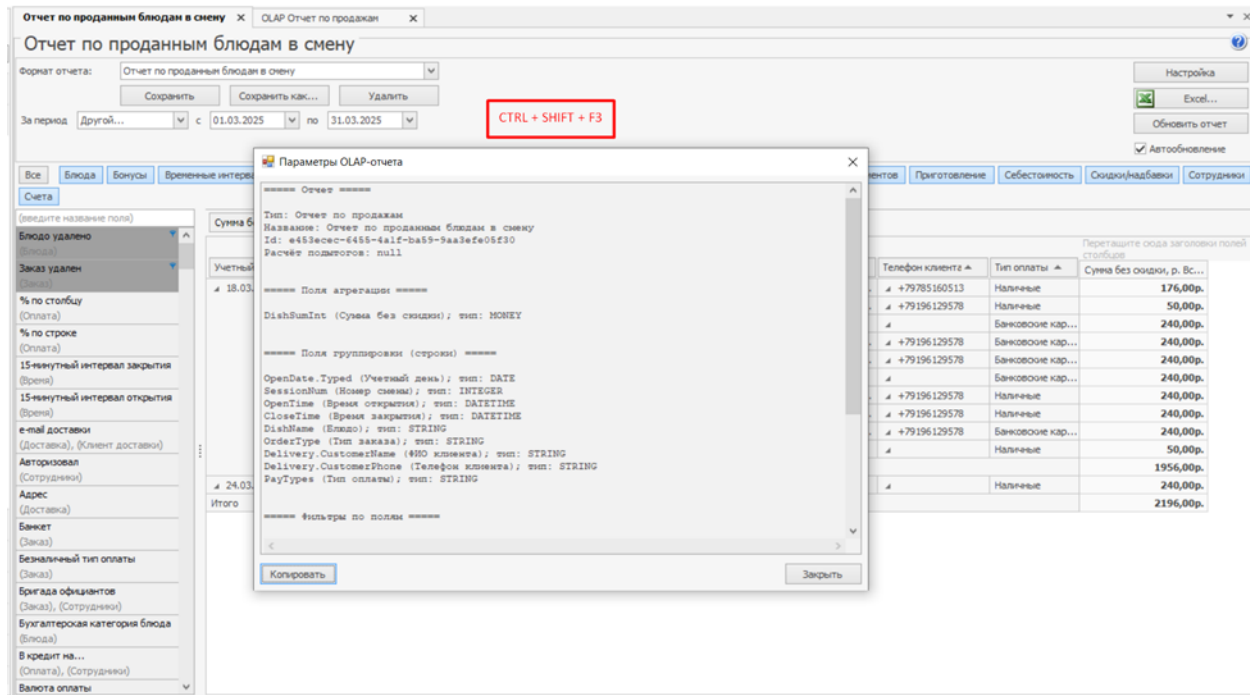
Название:

☒ Для всех пользователей

☐ Только для меня

Готово. Отчет сохранен и готов к выгрузке через API.

Дополнительно: при нажатии на комбинацию клавиш «CTRL + SHIFT + F3» выведется окно с параметрами OLAP-отчета, на которые можно ориентироваться при построении отчета в API.



Работа с API iikoServer

[Статья](#) по авторизации для работы с методами API iikoServer.

[Метод](#) для получения списка преднастроенных отчетов OLAP.

Ответ метода для рассматриваемого примера:

Copy Code
JSON

```
....  
{  
  "id": "e45124ec-6455-4a1f-ba59-9aa3efe05f30",  
  "name": "Отчет по проданным блюдам в смену",  
  "buildSummary": null,  
  "reportType": "SALES",  
  "groupByRowFields": [  
    "OpenDate.Typed",  
    "SessionNum",  
    "OpenTime",  
    "CloseTime",  
    "DishName",  
    "OrderType",  
    "Delivery.CustomerName",  
    "Delivery.CustomerPhone",
```

```

        "PayTypes"
    ],
    "groupByColFields": [],
    "aggregateFields": [
        "DishSumInt"
    ],
    "filters": {
        "DeletedWithWriteoff": {
            "filterType": "IncludeValues",
            "values": [
                "NOT_DELETED"
            ]
        },
        "OrderDeleted": {
            "filterType": "IncludeValues",
            "values": [
                "NOT_DELETED"
            ]
        }
    }
}
...

```

[Метод](#) для получения тела отчета по сохраненной конфигурации (id)

[+] [Ответ для рассматриваемого примера](#)

[-] [Ответ для рассматриваемого примера](#)

[Copy Code](#)

JSON

```

{
  "data": [
    {
      "CloseTime": "2025-03-18T12:05:24.618",
      "Delivery.CustomerName": "Пупкин Василий",
      "Delivery.CustomerPhone": "+79785160513",
      "DishName": "Лимонад",
      "DishSumInt": 176,
      "OpenDate.Typed": "2025-03-18T00:00:00",
      "OpenTime": "2025-03-18T11:36:48",
      "OrderType": null,
      "PayTypes": "Наличные",
      "SessionNum": 17
    },
    {

```

```
    "CloseTime": "2025-03-18T15:34:01.955",
    "Delivery.CustomerName": "Ермолаев Евгений",
    "Delivery.CustomerPhone": "+79196129578",
    "DishName": "Шоколадный батончик",
    "DishSumInt": 50,
    "OpenDate.Typed": "2025-03-18T00:00:00",
    "OpenTime": "2025-03-18T15:33:41",
    "OrderType": null,
    "PayTypes": "Наличные",
    "SessionNum": 17
  },
  {
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    "Delivery.CustomerName": null,
    "Delivery.CustomerPhone": null,
    "DishName": "Пицца ",
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    "PayTypes": "Банковские карты",
    "SessionNum": 17
  },
  {
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    "Delivery.CustomerPhone": "+79196129578",
    "DishName": "Пицца ",
    "DishSumInt": 240,
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    "OpenTime": "2025-03-18T19:13:20",
    "OrderType": "Доставка самовывоз",
    "PayTypes": "Банковские карты",
    "SessionNum": 17
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    "DishName": "Пицца ",
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    "PayTypes": "Банковские карты",
    "SessionNum": 17
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    "CloseTime": "2025-03-18T19:21:43.061",
    "Delivery.CustomerName": null,
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    "DishSumInt": 240,
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    "DishSumInt": 240,
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    "SessionNum": 17
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  {
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    "Delivery.CustomerPhone": "+79196129578",
    "DishName": "Пицца ",
    "DishSumInt": 240,
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    "PayTypes": "Наличные",
    "SessionNum": 17
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  {
    "CloseTime": "2025-03-19T12:58:35.344",
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    "DishName": "Пицца ",
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    "OrderType": "Доставка самовывоз",
    "PayTypes": "Банковские карты",
    "SessionNum": 17
  },
  {
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    "Delivery.CustomerName": null,
    "Delivery.CustomerPhone": null,
    "DishName": "Шоколадный батончик MARS",
    "DishSumInt": 50,
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    "OpenTime": "2025-03-24T10:23:59",
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    "PayTypes": "Наличные",
    "SessionNum": 17
  }
}
```

```

    },
    {
      "CloseTime": "2025-03-25T12:44:08.425",
      "Delivery.CustomerName": null,
      "Delivery.CustomerPhone": null,
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      "DishSumInt": 240,
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      "OrderType": "Доставка самовывоз",
      "PayTypes": "Наличные",
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    }
  ],
  //массив summary выведется с подсуммировкой, если в параметрах запроса
  указано summary = true
  "summary": [
    [
      {},
      {
        "DishSumInt": 2196
      }
    ],
    [
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        "OrderType": "Доставка самовывоз",
        "SessionNum": 17
      },
      {
        "DishSumInt": 240
      }
    ],
    [
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        "SessionNum": 17
      },
      {
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    ],
    [
      {
        "CloseTime": "2025-03-18T15:34:01.955",

```



```
        "Delivery.CustomerName": "Ермолаев Евгений",
        "Delivery.CustomerPhone": "+79196129578",
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        "OpenTime": "2025-03-18T15:33:41",
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        "DishName": "Пицца ",
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        "OpenTime": "2025-03-18T19:13:20",
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        "SessionNum": 17
    },
    {
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],
[
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        "SessionNum": 17
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    {
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    {
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```

```
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    "SessionNum": 17
  },
  {
    "DishSumInt": 50
  }
],
[
  {
    "CloseTime": "2025-03-18T12:05:24.618",
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    "Delivery.CustomerPhone": "+79785160513",
    "DishName": "Лимонад",
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    "OrderType": null,
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    "SessionNum": 17
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  {
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  }
],
[
  {
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    "OpenTime": "2025-03-18T20:13:45",
    "SessionNum": 17
  },
  {
    "DishSumInt": 240
  }
],
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  {
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    "Delivery.CustomerPhone": "+79196129578",
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    "OpenTime": "2025-03-18T19:13:20",
    "OrderType": "Доставка самовывоз",
    "SessionNum": 17
  },
  {
    "DishSumInt": 240
  }
],
]
```

```
[
  {
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    "SessionNum": 17
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    "DishSumInt": 240
  }
],
[
  {
    "CloseTime": "2025-03-25T12:44:08.425",
    "Delivery.CustomerName": null,
    "Delivery.CustomerPhone": null,
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    "OpenDate.Typed": "2025-03-24T00:00:00",
    "OpenTime": "2025-03-24T13:21:53",
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  {
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```

```
        "OpenDate.Typed": "2025-03-18T00:00:00",
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],
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        "OpenDate.Typed": "2025-03-18T00:00:00",
        "OpenTime": "2025-03-18T20:07:22",
        "OrderType": "Доставка самовывоз",
        "PayTypes": "Наличные",
        "SessionNum": 17
    },
    {
        "DishSumInt": 240
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],
[
    {
        "CloseTime": "2025-03-24T10:26:53.437",
        "Delivery.CustomerName": null,
        "DishName": "Шоколадный батончик MARS",
        "OpenDate.Typed": "2025-03-18T00:00:00",
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        "DishName": "Шоколадный батончик",
        "OpenDate.Typed": "2025-03-18T00:00:00",
        "OpenTime": "2025-03-18T15:33:41",
        "OrderType": null,
        "SessionNum": 17
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    {
        "DishSumInt": 50
    }
],
[
    {
```

```

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        "SessionNum": 17
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    {
        "DishSumInt": 240
    }
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        "PayTypes": "Банковские карты",
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[
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```

```
        "OpenDate.Typed": "2025-03-18T00:00:00",
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    },
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],
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        "SessionNum": 17
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        "DishSumInt": 240
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        "OpenTime": "2025-03-18T20:07:22",
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    {
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]
]
```

Метод для получения полей OLAP отчета v2 (если необходимость уточнить поля).

Метод для формирования OLAP отчета в API (с возможностью конфигурации тела запроса)

POST [https://host:port.iiko.it/resto/api/v2/reports/olap?key=\[token\]](https://host:port.iiko.it/resto/api/v2/reports/olap?key=[token])

Параметры запроса

Параметр	Описание
key	Строка-токен, получаемый при авторизации

Тело запроса

Copy Code

Код

```
{
  "reportType": "SALES",
  "groupByRowFields": [
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    "SessionNum",
    "OpenTime",
    "CloseTime",
    "DishName",
    "OrderType",
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    "Delivery.CustomerPhone",
    "PayTypes"
  ],
  "groupByColFields": [],
  "aggregateFields": [
    "DishSumInt"
  ],
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      "periodType": "CUSTOM",
      "from": "2025-03-01T00:00:00.000",
      "to": "2025-03-31T00:00:00.000"
    }
  }
}
```

```
    },
    "DeletedWithWriteoff": {
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      "values": [
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      ]
    },
    "OrderDeleted": {
      "filterType": "IncludeValues",
      "values": [
        "NOT_DELETED"
      ]
    }
  }
}
```

Что в ответе

[Copy Code](#)
JSON

```
{
  "data": [
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      "Delivery.CustomerName": "Пупкин Василий",
      "Delivery.CustomerPhone": "+79785160513",
      "DishName": "Лимонад",
      "DishSumInt": 176,
      "OpenDate.Typed": "2025-03-18",
      "OpenTime": "2025-03-18T11:36:48",
      "OrderType": null,
      "PayTypes": "Наличные",
      "SessionNum": 17
    },
    {
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      "Delivery.CustomerName": "Ермолаев Евгений",
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  "Delivery.CustomerPhone": "+79196129578",
  "DishName": "Пицца ",
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    "Delivery.CustomerPhone": null,
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