

## combinations

**POST** /combinations/products Get

**GET** /combinations/mpesa Mpesa

## Store Insights

**GET** /store/ Get Stores

## Store Sales

**GET** /store/sales/ Get Sales

**GET** /store/sales/sale-detail Get Sales

**GET** /store/sales/most-sold-items Get Sales

### Parameters

[Cancel](#)

Name	Description
------	-------------

storeId * required	<input type="text" value="1"/>
integer	
(query)	

[Execute](#)[Clear](#)

### Responses

#### Curl

```
curl -X 'GET' \
'http://localhost:8000/store/sales/most-sold-items?storeId=1' \
-H 'accept: application/json'
```



#### Request URL

```
http://localhost:8000/store/sales/most-sold-items?storeId=1
```

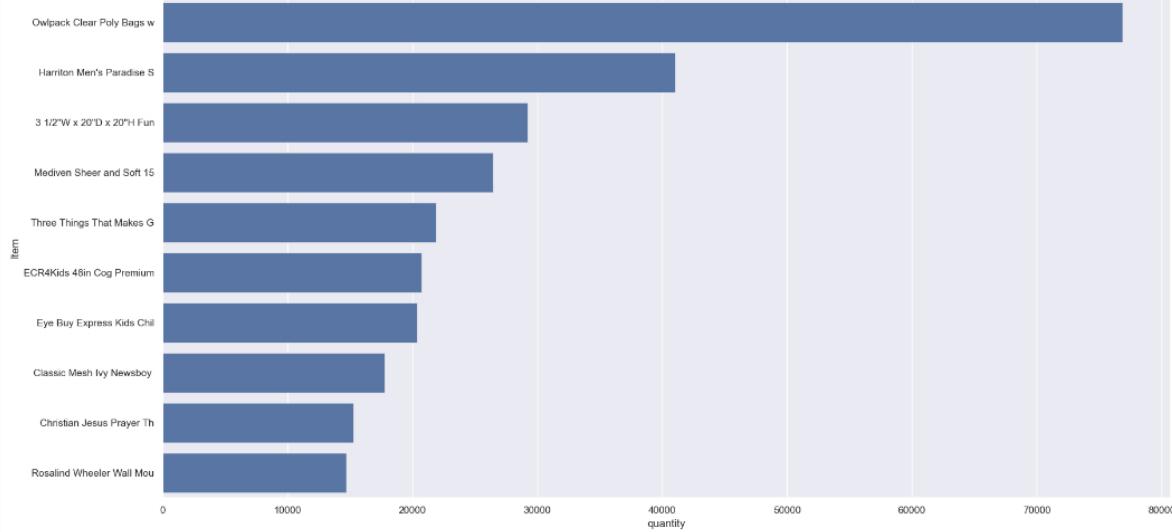
#### Server response

Code	Details
------	---------

200

Response body

Top 10 Items based on number of sales.



Response headers

```
content-type: image/png
date: Tue, 02 Jul 2024 15:32:22 GMT
server: uvicorn
```

**transfer-encoding: chunked**

Responses		Links
Code	Description	
200	Successful Response	No links
	<p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p>Example Value   Schema</p> <pre>"string"</pre>	
422	Validation Error	No links
	<p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>{   "detail": [     {       "loc": [         "string",         0       ],       "msg": "string",       "type": "string"     }   ] }</pre>	

**GET /store/sales/most-bought-items Get Sales**

**Parameters**

**Name** **Description**

<b>storeId</b> * required integer (query)	1
---	---

**Execute** **Clear**

**Responses**

**Curl**

```
curl -X 'GET' \
'http://localhost:8000/store/sales/most-bought-items?storeId=1' \
-H 'accept: application/json'
```

**Request URL**

```
http://localhost:8000/store/sales/most-bought-items?storeId=1
```

**Server response**

Code	Details																		
200	<p>Response body</p> <p>The chart displays the top 10 items bought by the most number of customers. The Y-axis lists the items, and the X-axis represents the count of customers, ranging from 0 to 500. The items and their approximate customer counts are:</p> <table border="1"> <thead> <tr> <th>Item</th> <th>Customer Count (approx.)</th> </tr> </thead> <tbody> <tr><td>3 1/2"W x 20"D x 20"H Fun</td><td>510</td></tr> <tr><td>Mediven Sheer and Soft 15</td><td>530</td></tr> <tr><td>Augusta 1235 Ladies Trium</td><td>490</td></tr> <tr><td>1.30 Carat (ctw) 14K Whil</td><td>480</td></tr> <tr><td>Medi Comfort Closed Toe K</td><td>410</td></tr> <tr><td>Awkward Styles Unisex USA</td><td>390</td></tr> <tr><td>3 1/2"W x 32"D x 36"H Tra</td><td>390</td></tr> <tr><td>Eye Buy Express Kids Chil</td><td>380</td></tr> </tbody> </table>	Item	Customer Count (approx.)	3 1/2"W x 20"D x 20"H Fun	510	Mediven Sheer and Soft 15	530	Augusta 1235 Ladies Trium	490	1.30 Carat (ctw) 14K Whil	480	Medi Comfort Closed Toe K	410	Awkward Styles Unisex USA	390	3 1/2"W x 32"D x 36"H Tra	390	Eye Buy Express Kids Chil	380
Item	Customer Count (approx.)																		
3 1/2"W x 20"D x 20"H Fun	510																		
Mediven Sheer and Soft 15	530																		
Augusta 1235 Ladies Trium	490																		
1.30 Carat (ctw) 14K Whil	480																		
Medi Comfort Closed Toe K	410																		
Awkward Styles Unisex USA	390																		
3 1/2"W x 32"D x 36"H Tra	390																		
Eye Buy Express Kids Chil	380																		

**Response headers**

```
content-type: image/png
date: Tue, 02 Jul 2024 15:32:41 GMT
server: unicorn
transfer-encoding: chunked
```

**Responses**

Code	Description	Links
200	Successful Response	No links
	<p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value   Schema</p> <pre>"string"</pre>	
422	Validation Error	No links
	<p>Media type</p> <p>application/json</p> <p>Example Value   Schema</p> <pre>{   "detail": [     {       "loc": [         "string",         0,         "msg",         "type"       ],       "msg": "string",       "type": "string"     }   ] }</pre>	

**GET /store/sales/most-frequently-bought Get Sales**

**Parameters**

**Name** **Description**

storeId *	required
integer	1
(query)	

**Execute** **Clear**

**Responses**

**Curl**

```
curl -X 'GET' \
'http://localhost:8000/store/sales/most-frequently-bought?storeId=1' \
-H 'accept: application/json'
```

**Request URL**

```
http://localhost:8000/store/sales/most-frequently-bought?storeId=1
```

**Server response**

Code	Details
200	Response body

Most Frequently Bought Items

K\_HK\_HEI  
Phalanx\_Defense\_St  
\_Patrick's\_Day  
Gillette\_Sensor\_Refill\_Blade\_Cartridges  
\_69th\_birthday\_gift\_t  
W\_x\_20  
Port\_Company\_PC61\_Traditional\_MenÃ  
object H\_Funston\_Craftsman\_Smooth  
awesome\_since\_1948\_ Name  
Awkward\_Styles\_Shamrock\_10\_Co  
Flag\_St

## Response headers

```
content-type: image/png  
date: Tue, 02 Jul 2024 15:33:05 GMT  
server: unicorn  
transfer-encoding: chunked
```

## Responses

Code	Description	Links
------	-------------	-------

200 Successful Response

## Media type

Controls Accept header.

[Example Value](#) | [Schema](#)

```
"string"
```

422 Validation Error

## Media type

[Example Value](#) | [Schema](#)

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

GET /store/sales/first-choice Get First Choice



## Parameters



Name	Description
<b>storeId</b> * required <small>integer (query)</small>	<input type="text" value="1"/>

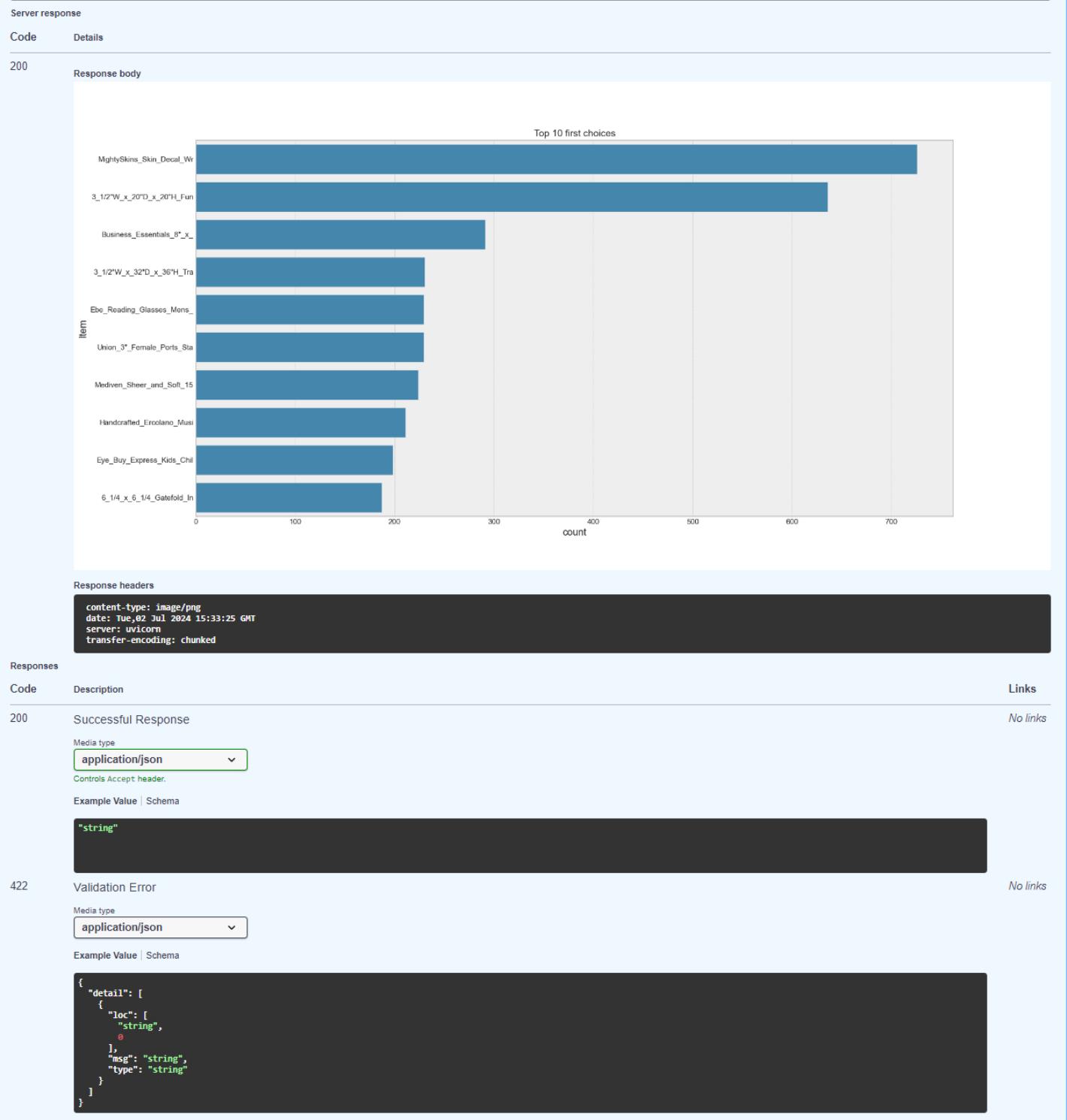
## Responses

Curl

```
curl -X 'GET' \
'http://localhost:8000/store/sales/first-choice?storeId=1' \
-H 'accept: application/json'
```

## Request URL

```
http://localhost:8000/store/sales/first-choice?storeId=1
```



**GET /store/sales/bought-together Bought Together**

**Parameters**

Name	Description
<b>storeId</b> * required (query)	1
<b>item_code</b> * required (query)	21171
<b>number</b> integer (query)	6

**Execute** **Clear**

## Responses

### Curl

```
curl -X 'GET' \
'http://localhost:8000/store/sales/bought-together?storeId=1&item_code=21171&number=6' \
-H 'accept: application/json'
```

### Request URL

```
http://localhost:8000/store/sales/bought-together?storeId=1&item_code=21171&number=6
```

### Server response

Code	Details
------	---------

200

#### Response body

```
{
  "item": {
    "stockCode": "21171",
    "name": "MOYO Natural Labs 8 oz Tr",
    "invoiceNo": "537626"
  },
  "associated_items": [
    {
      "stockCode": "21171",
      "name": "MOYO Natural Labs 8 oz Tr",
      "invoiceNo": "537626"
    },
    {
      "stockCode": "21164",
      "name": "Florida LGBT Gay Pride Ra",
      "invoiceNo": "536956"
    },
    {
      "stockCode": "21166",
      "name": "Ebe Men Gold Shield Half",
      "invoiceNo": "536381"
    },
    {
      "stockCode": "21175",
      "name": "I love my stepmother- sun",
      "invoiceNo": "536381"
    }
  ]
}
```

[Copy](#) [Download](#)

#### Response headers

```
content-length: 575
content-type: application/json
date: Tue, 02 Jul 2024 15:40:25 GMT
server: uvicorn
```

## Responses

Code	Description	Links
------	-------------	-------

200

#### Successful Response

##### Media type

 [▼](#)Controls Accept header.[Example Value](#) | [Schema](#)

```
"string"
```

[No links](#)

422

#### Validation Error

[No links](#)

##### Media type

 [▼](#)[Example Value](#) | [Schema](#)

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

GET

/store/sales/loyal-customers-by-orders Loyal Customer By Orders

[^](#)[Cancel](#)

## Parameters

Name	Description
------	-------------

**storeId** \* required

integer

(query)

[Execute](#)[Clear](#)

## Responses

### Curl

```
curl -X 'GET' \
'http://localhost:8000/store/sales/loyal-customers-by-orders?storeId=1' \
-H 'accept: application/json'
```

### Request URL

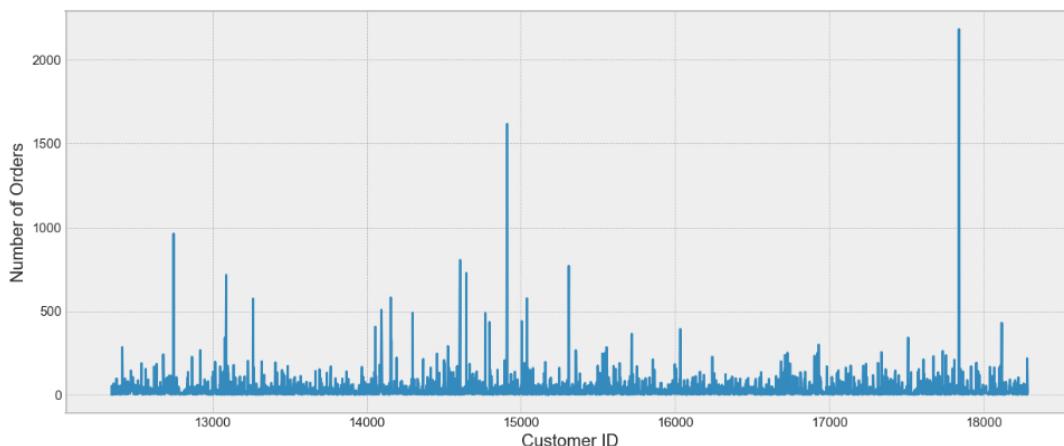
<http://localhost:8000/store/sales/loyal-customers-by-orders?storeId=1>

#### Server response

Code	Details
------	---------

200

#### Response body



#### Response headers

```
content-type: image/png
date: Tue, 02 Jul 2024 15:41:04 GMT
server: unicorn
transfer-encoding: chunked
```

#### Responses

Code	Description	Links
------	-------------	-------

200

#### Successful Response

##### Media type

application/json

Controls Accept header.

[Example Value](#) | [Schema](#)

"string"

No links

422

#### Validation Error

##### Media type

application/json

[Example Value](#) | [Schema](#)

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

No links

[GET](#) /store/sales/loyal-customers-by-amount-spent Loyal Customer By Amount Spent



#### Parameters

[Cancel](#)

Name	Description
------	-------------

storeId \* required

integer  
(query)

1

[Execute](#)

[Clear](#)

#### Responses

##### Curl

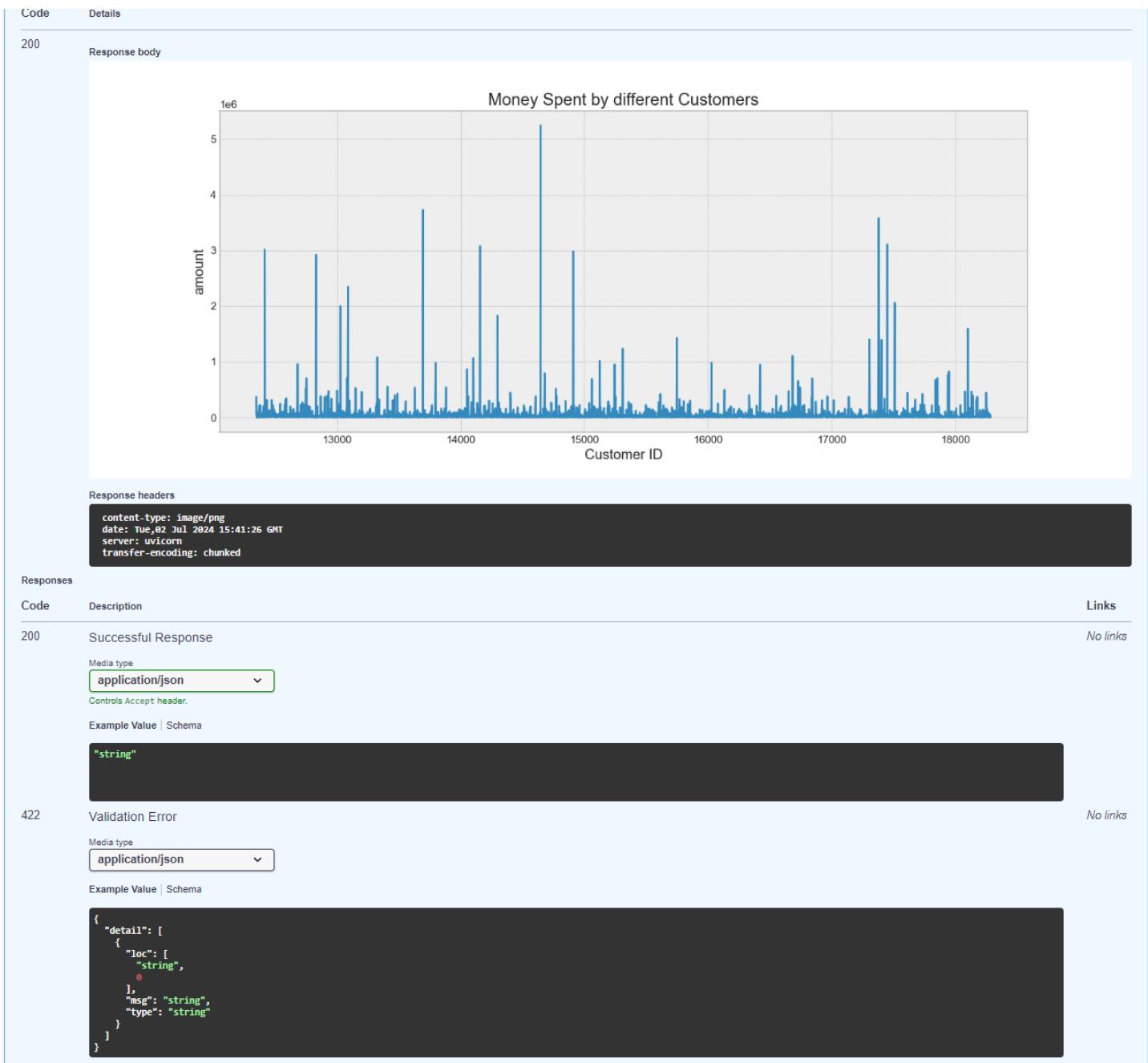
```
curl -X 'GET' \
'http://localhost:8000/store/sales/loyal-customers-by-amount-spent?storeId=1' \
-H 'accept: application/json'
```



##### Request URL

<http://localhost:8000/store/sales/loyal-customers-by-amount-spent?storeId=1>

##### Server response



GET /store/sales/sales-by-month Sales By Month

Parameters

Cancel

Name	Description
storeId * required	integer (query)

Execute Clear

Responses

Curl

```
curl -X 'GET' \
'http://localhost:8000/store/sales/sales-by-month?storeId=1' \
-H 'accept: application/json'
```

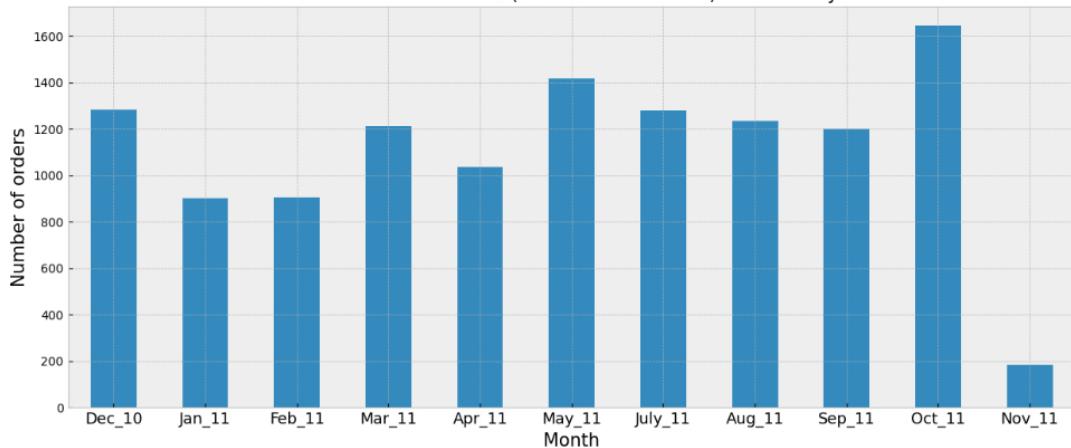
Request URL

```
http://localhost:8000/store/sales/sales-by-month?storeId=1
```

Server response

Code	Details
200	Response body

# orders for various months (Dec 2010 - Dec 2011) make this dynamic



#### Response headers

```
content-type: image/png
date: Tue, 02 Jul 2024 15:46:26 GMT
server: uvicorn
transfer-encoding: chunked
```

#### Responses

Code	Description	Links
200	Successful Response	No links
422	Validation Error	No links

GET /store/sales/sales-by-day Sales By Day



Cancel

#### Parameters

##### Name Description

storeId \* required

integer  
(query)

1

Execute

Clear

#### Responses

##### Curl

```
curl -X 'GET' \
'http://localhost:8000/store/sales/sales-by-day?storeId=1' \
-H 'accept: application/json'
```

##### Request URL

```
http://localhost:8000/store/sales/sales-by-day?storeId=1
```

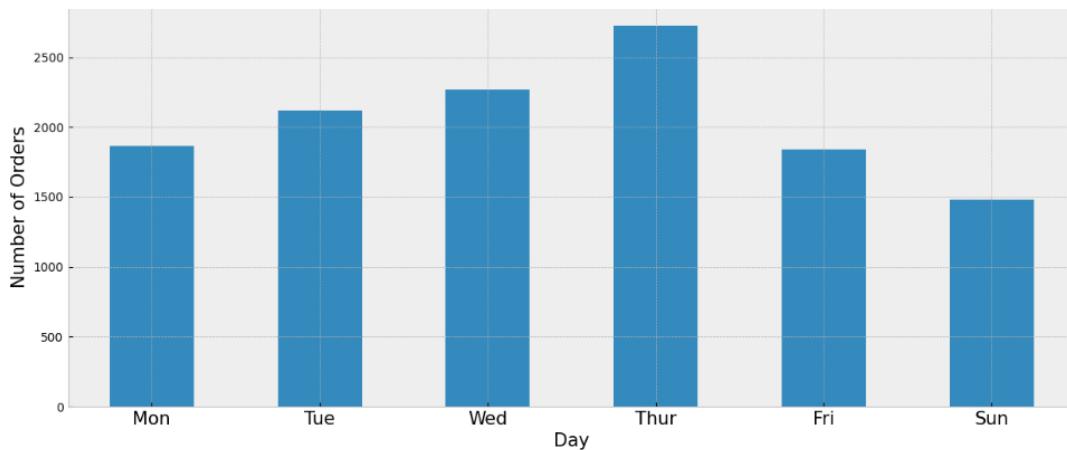
##### Server response

#### Code Details

200

Response body

Nuber of orders for different days



#### Response headers

```
content-type: image/png
date: Tue, 02 Jul 2024 15:46:43 GMT
server: unicorn
transfer-encoding: chunked
```

#### Responses

Code	Description	Links
200	Successful Response	No links
422	Validation Error	No links

GET /store/sales/sales-by-hour Sales By Hour

#### Parameters

[Cancel](#)

Name	Description
storeId * required	integer (query) 1

[Execute](#)

[Clear](#)

#### Responses

Curl	
<pre>curl -X 'GET' \ 'http://localhost:8000/store/sales/sales-by-hour?storeId=1' \ -H 'accept: application/json'</pre>	
Request URL	
<a href="http://localhost:8000/store/sales/sales-by-hour?storeId=1">http://localhost:8000/store/sales/sales-by-hour?storeId=1</a>	
Server response	
Code	Details
500 <small>Undocumented</small>	Error: Internal Server Error
	Response body
	<pre>Internal Server Error</pre>
Response headers	



[Download](#)

<pre>content-length: 21 content-type: text/plain; charset=utf-8 date: Tue, 02 Jul 2024 15:47:04 GMT server: uvicorn</pre>		
Responses		
Code	Description	Links
200	Successful Response	No links
	<p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p>Example Value   Schema</p> <pre>"string"</pre>	
422	Validation Error	No links
	<p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>{   "detail": [     {       "loc": [         "string",         0       ],       "msg": "string",       "type": "string"     }   ] }</pre>	

GET
/store/sales/discount-sales
Discount Sales
Cancel

**Parameters**

Name	Description
storeId * required	<input type="text" value="1"/>
discount	<input type="text" value="0"/>

Execute
Clear

**Responses**

Curl

```
curl -X 'GET' \
'http://localhost:8000/store/sales/discount-sales?storeId=1&discount=0' \
-H 'accept: application/json'
```

Request URL

```
http://localhost:8000/store/sales/discount-sales?storeId=1&discount=0
```

Server response

Code	Details																										
200	<p>Response body</p> <table border="1" style="margin-top: 10px; width: 100%;"> <caption>Frequency for different Months (Dec 2010 - Dec 2011)</caption> <thead> <tr> <th>Month</th> <th>Frequency</th> </tr> </thead> <tbody> <tr><td>Dec 10</td><td>11000</td></tr> <tr><td>Jan 11</td><td>9000</td></tr> <tr><td>Feb 11</td><td>8500</td></tr> <tr><td>Mar 11</td><td>12000</td></tr> <tr><td>Apr 11</td><td>10000</td></tr> <tr><td>May 11</td><td>13000</td></tr> <tr><td>June 11</td><td>12500</td></tr> <tr><td>July 11</td><td>12500</td></tr> <tr><td>Aug 11</td><td>12500</td></tr> <tr><td>Sep 11</td><td>12500</td></tr> <tr><td>Oct 11</td><td>18000</td></tr> <tr><td>Nov 11</td><td>3000</td></tr> </tbody> </table>	Month	Frequency	Dec 10	11000	Jan 11	9000	Feb 11	8500	Mar 11	12000	Apr 11	10000	May 11	13000	June 11	12500	July 11	12500	Aug 11	12500	Sep 11	12500	Oct 11	18000	Nov 11	3000
Month	Frequency																										
Dec 10	11000																										
Jan 11	9000																										
Feb 11	8500																										
Mar 11	12000																										
Apr 11	10000																										
May 11	13000																										
June 11	12500																										
July 11	12500																										
Aug 11	12500																										
Sep 11	12500																										
Oct 11	18000																										
Nov 11	3000																										

Responses

Code	Description	Links
200	Successful Response	No links
	<p>Media type</p> <p><b>application/json</b> <input type="button" value="▼"/></p> <p>Controls Accept header.</p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>"string"</pre>	
422	Validation Error	No links
	<p>Media type</p> <p><b>application/json</b> <input type="button" value="▼"/></p> <p>Controls Accept header.</p> <p><a href="#">Example Value</a>   <a href="#">Schema</a></p> <pre>{   "detail": [     {       "loc": [         "string",         0       ],       "msg": "string",       "type": "string"     }   ] }</pre>	

GET /store/sales/trending-items Trending Items

Parameters

Name	Description
<b>storeId</b> * required	integer (query) 1
<b>date</b> * required	string (query) 10-12-03

Responses

Curl

```
curl -X 'GET' \
'http://localhost:8000/store/sales/trending-items?storeId=1&date=10-12-03' \
-H 'accept: application/json'
```

Request URL

```
http://localhost:8000/store/sales/trending-items?storeId=1&date=10-12-03
```

Server response

Code	Details																				
200	<p>Response body</p> <p>Top 10 Most Selling Items on 10-12-03</p> <table border="1"> <thead> <tr> <th>Item</th> <th>Sales</th> </tr> </thead> <tbody> <tr> <td>Porch Options</td> <td>300</td> </tr> <tr> <td>Douglas Fir</td> <td>180</td> </tr> <tr> <td>(500 Qty.)</td> <td>160</td> </tr> <tr> <td>IM (3 Pack)</td> <td>140</td> </tr> <tr> <td>rts for Men</td> <td>130</td> </tr> <tr> <td>8" Backset</td> <td>120</td> </tr> <tr> <td>35in x 18in</td> <td>110</td> </tr> <tr> <td>mmHg Reg</td> <td>100</td> </tr> <tr> <td>letin Board</td> <td>90</td> </tr> </tbody> </table>	Item	Sales	Porch Options	300	Douglas Fir	180	(500 Qty.)	160	IM (3 Pack)	140	rts for Men	130	8" Backset	120	35in x 18in	110	mmHg Reg	100	letin Board	90
Item	Sales																				
Porch Options	300																				
Douglas Fir	180																				
(500 Qty.)	160																				
IM (3 Pack)	140																				
rts for Men	130																				
8" Backset	120																				
35in x 18in	110																				
mmHg Reg	100																				
letin Board	90																				

quantity

Response headers

```
content-type: image/png
date: Tue,02 Jul 2024 15:53:46 GMT
server: uvicorn
transfer-encoding: chunked
```

Responses

Code	Description	Links
200	Successful Response	No links
422	Validation Error	No links

Media type

application/json

Controls Accept header.

Example Value | Schema

```
"string"
```

Media type

application/json

Example Value | Schema

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

GET /store/sales/deal-of-the-day Deal Of The Day

Parameters

Cancel

Name	Description
storeId * required	integer (query) 1
date * required	string (query) 10-12-03

Execute Clear

Responses

Curl

```
curl -X 'GET' \
'http://localhost:8000/store/sales/deal-of-the-day?storeId=1&date=10-12-03' \
-H 'accept: application/json'
```

Request URL

<http://localhost:8000/store/sales/deal-of-the-day?storeId=1&date=10-12-03>

Server response

Code	Details
200	Response body

```
[
  {
    "id": 22802
  },
  {
    "name": "New Way 862 - Women's Long Sleeve T-Shirt I Tried It At Home Experiment Fire Funny Humor Small Envy",
    "id": 21360
  },
  {
    "name": "Porsche Boxster 881 Carrara Red Metallic Quart Basecoat Paint for Car Auto Truck",
    "id": 21452
  },
  {
    "name": "Sport-Tek Ladies PosiCharge Competitor Tee",
    "id": 21465
  },
  {
    "name": "Ebe Reading Glasses Mens Womens Amber Red Oval Round Full Frame Anti Glare grade ckbdp9118",
    "id": 21469
  },
  {
    "name": "Mightyskins Skin Decal Wrap Compatible with OtterBox Sticker Protective Cover 100's of Color Options",
    "id": 22678
  },
  {
    "name": "Clear 18 Note Acrylic Box Musical Paperweight - Light My Fire",
    "id": 21621
  }
]
```

Download

Response headers

```
content-length: 1082
content-type: application/json
date: Tue,02 Jul 2024 16:01:26 GMT
```

server: uvicorn

Responses		Links
Code	Description	
200	Successful Response	No links
	<p>Media type</p> <p><code>application/json</code></p> <p>Controls Accept header.</p> <p>Example Value   Schema</p> <pre>"string"</pre>	
422	Validation Error	No links
	<p>Media type</p> <p><code>application/json</code></p> <p>Example Value   Schema</p> <pre>{   "detail": [     {       "loc": [         "string",         0       ],       "msg": "string",       "type": "string"     }   ] }</pre>	

## memory filter

GET /memory/content/tfidf/train Train

Cancel

Parameters

Name	Description
<b>storeId</b> * required	integer (query)
1	

Execute Clear

Responses

Curl

```
curl -X 'GET' \
'http://localhost:8000/memory/content/tfidf/train?storeId=1' \
-H 'accept: application/json'
```

Request URL

```
http://localhost:8000/memory/content/tfidf/train?storeId=1
```

Server response

Code	Details
200	<p>Response body</p> <pre>{   "success": "content based recommender is ready for use. Please save the model to use it for prediction." }</pre> <p>Download</p> <p>Response headers</p> <pre>content-length: 104 content-type: application/json date: Tue, 02 Jul 2024 16:02:04 GMT server: uvicorn</pre>

Responses

Code	Description	Links
200	Successful Response	No links
	<p>Media type</p> <p><code>application/json</code></p> <p>Controls Accept header.</p> <p>Example Value   Schema</p> <pre>"string"</pre>	
422	Validation Error	No links
	<p>Media type</p> <p><code>application/json</code></p> <p>Example Value   Schema</p>	

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

GET /memory/content/tfidf/content-based-recommender Recommend

[Cancel](#)

#### Parameters

Name Description

**storeId** \* required  
integer  
(query)

1

**productId** \* required  
integer  
(query)

90094

**similarity** \* required  
string  
(query)

cosine

[Execute](#)

[Clear](#)

#### Responses

##### Curl

```
curl -X 'GET' \
'http://localhost:8000/memory/content/tfidf/content-based-recommender?storeId=1&productId=90094&similarity=cosine' \
-H 'accept: application/json'
```



##### Request URL

<http://localhost:8000/memory/content/tfidf/content-based-recommender?storeId=1&productId=90094&similarity=cosine>

##### Server response

Code Details

200

Response body

```
{
  "target": {
    "name": "Wrangler Men's Western Cowboy Cut Slim Fit Jean - Stonewashed",
    "id": "90094",
    "price": 44.99,
    "category": "Clothing",
    "description": "Wrangler Men's Western Cowboy Cut Slim Fit Jean - Stonewashed 14.75 oz. 100% heavyweight denim slim fit Authentic five-pocket styling Color: Stonewashed The Wrangler Cowboy cut® & slim fit jean is like the original fit, only slimmer. The authentic five-pocket styling is built with sanforized 100% cotton heavyweight, broken twill denim. This jean is narrow throughout the seat and thighs, with straight leg openings to fit over your work boots, making them great jeans for the worksite. If they're tough enough to be the Official ProRodeo Competition Jean, then they're tough enough for whatever you can throw at them! For the best in slim fit jeans, check out these Wrangler Western Cowboy Cut Slim Fit Stonewashed jeans! Made of 14.75 oz. 100% heavyweight broken twill denim, Wrangler has thought of everything with these slim fit cowboy cut jeans complete with five pocket storage and wide leg openings to fit over your boots, the Mens Wrangler Cowboy Cut Jeans has it all tough enough to be the official Pro Rodeo Competition Jeans, the Wrangler Cowboy Cut Slim Jeans are durable enough for modern job demands country of origin: United States",
    "brand": "Wrangler"
  },
  "similar_products": [
    {
      "value": {
        "name": "Strong Knee Sleeves by Sling Shot - Black Medium",
        "productId": "398",
        "price": 80,
        "category": "Health",
        "brand": "Sling Shot"
      }
    }
  ],
  "description": "Strong Knee Sleeves by Sling Shot - Black Medium ST Sleeves -Highest Level of Performance. Comparable in strength to a light knee wrap, but with the convenience and comfort of leaving them on throughout the entire workout, these Strong sleeves have been tested at the World Famous Super Training Gym for over one year by Mark Smelly Bell and Silvia. Strong sleeve provides mild compression with strong rebound to allow a lifter to take on max weights with confidence. Super training is always pushing the envelope. After the success of our original knee sleeves, we decided to make a product that would be more comfortable and provide more support for those who are looking for a knee brace alternative. Our Strong knee sleeves are made from a high-quality neoprene fabric that is both durable and flexible, providing a secure fit without being too tight or constricting. They are also designed with a ergonomic shape that follows the natural curve of the knee, ensuring maximum support and stability during high-intensity workouts. Whether you're lifting weights, running, or playing sports, these Strong knee sleeves will help you stay active and injury-free. So why wait? Get yours today and experience the difference for yourself!"
}

```

Download

Response headers

```
content-length: 18865
content-type: application/json
date: Tue, 02 Jul 2024 16:02:39 GMT
server: unicorn
```

#### Responses

Code Description

Links

200 Successful Response

No links

Media type

application/json

Controls Accept header.

[Example Value](#) | [Schema](#)

"string"

422

Validation Error

No links

Media type

application/json

[Example Value](#) | [Schema](#)

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

```
{
  "loc": [
    "string",
    0
  ],
  "msg": "string",
  "type": "string"
}
```

GET /memory/collaborative/user\_to\_user\_filter User To User Filter

Cancel

#### Parameters

##### Name Description

**storeId** \* required

integer  
(query)

1

**customerId** \* required

integer  
(query)

13089

**k**  
integer  
(query)

5

**sample**  
integer  
(query)

10

Execute

Clear

#### Responses

##### Curl

```
curl -X 'GET' \
'http://localhost:8000/memory/collaborative/user_to_user_filter?storeId=1&customerId=13089&k=5&sample=10' \
-H 'accept: application/json'
```



##### Request URL

[http://localhost:8000/memory/collaborative/user\\_to\\_user\\_filter?storeId=1&customerId=13089&k=5&sample=10](http://localhost:8000/memory/collaborative/user_to_user_filter?storeId=1&customerId=13089&k=5&sample=10)

##### Server response

###### Code Details

200

###### Response body

```
"brand": "BUCKLE Down",
},
{
  "name": "Faora Secret Wishes Adult Halloween Costume",
  "productId": 21154,
  "price": 41.13,
  "brand": "Rubie's"
},
{
  "name": "NATIVITY BB SET",
  "productId": 21931,
  "price": 6.99,
  "brand": "Carson-Dellosa"
},
{
  "name": "KENSIE Eyeglasses CHARM Teal 47MM",
  "productId": 23872,
  "price": 83,
  "brand": "Kensie"
},
{
  "name": "Indoor/Outdoor Area Rug with Rubber Marine Backing for Patio, Porch, Deck, Boat, Basement or Garage with Premium Bound Polyester Edges Blue 8'x24' stair treads (set of 13)",
  "productId": 21168,
  "price": 219.95,
  "brand": "Ambiant"
},
{
  "name": "Guitar Clock And Spacious Dual White Lacquer 10 Note Music Jewelry Box - Value Only Just Begun - HQ"
}
```



Download

###### Response headers

```
content-length: 1344
content-type: application/json
date: Tue,02 Jul 2024 16:03:10 GMT
server: uvicorn
```

#### Responses

###### Code Description

Links

200

Successful Response

No links

###### Media type

application/json

Controls Accept header.

Example Value | Schema

"string"

422

Validation Error

No links

###### Media type

application/json

Example Value | Schema

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

**GET /memory/collaborative/item\_to\_item\_filter Item To Item Filter**

**Parameters**

Name	Description
storeId * required	integer (query)
customerId * required	integer (query)
K	integer (query)
sample	integer (query)

**Execute** **Clear**

**Responses**

**Curl**

```
curl -X 'GET' \
'http://localhost:8000/memory/collaborative/item_to_item_filter?storeId=1&customerId=13089&k=10&sample=10' \
-H 'accept: application/json'
```

**Request URL**

```
http://localhost:8000/memory/collaborative/item_to_item_filter?storeId=1&customerId=13089&k=10&sample=10
```

**Server response**

**Code** **Details**

200 Response body

```
[{"productId": "16045", "price": 22.99, "brand": "ValueBull"}, {"name": "Port Company PC61 Traditional Men's T-Shirt - Athletic Maroon - Large", "productId": "10135", "price": 15.89, "brand": "Port & Company"}, {"name": "Sprial Birthday Candles, 36 Count", "productId": "16052", "price": 85.99, "brand": "The Boring Brand"}, {"name": "Moyo Natural Labs 8 oz Travel Bottle, Empty Travel Containers with Flip Caps, BPA Free PET Plastic Squeezable Toiletry/Cosmetic Bottle (3 Pack, Clear)", "productId": "16016", "price": 15.99, "brand": "Moyo Natural Labs"}, {"name": "Mightyskins Skin Decal Wrap Compatible with OtterBox Sticker Protective Cover 100's of Color Options", "productId": "10133", "price": 12.99, "brand": "Mightyskins"}]
```

**Response headers**

```
content-length: 1585
content-type: application/json
date: Tue, 02 Jul 2024 16:03:53 GMT
server: unicorn
```

**Responses**

Code	Description	Links
200	Successful Response	No links
200	Media type	
200	application/json	
200	Controls Accept header.	
200	Example Value   Schema	
200	"string"	
422	Validation Error	No links
422	Media type	
422	application/json	

Example Value | Schema

```
{  
  "detail": [  
    {  
      "loc": [  
        "string",  
        0  
      ],  
      "msg": "string",  
      "type": "string"  
    }  
  ]  
}
```

## model filter

GET /model/collaborative/knn-model/train Knn Train

GET /model/collaborative/knn-model/predict Knn Train

GET /model/collaborative/nmf\_svd\_knn\_coClustering-model/train NmfSvdKnnCoclustering Train

GET /model/collaborative/nmf\_svd\_knn\_coClustering-model/predict NmfSvdKnnCoclustering Predict

## model hybrid

GET /model/hybrid/train Hybrid Train

GET /model/hybrid/recommend Hybrid Train

## unsupervised model

GET /unsupervised\_model/clustering/data-explore/bias Eda Bias

### Parameters

Cancel

Name	Description
storeId * required	integer (query) 1
merchantId * required	integer (query) 2
train	boolean (query) false
biased	boolean (query) true

Execute

Clear

### Responses

#### Curl

```
curl -X 'GET' \  
  'http://localhost:8000/unsupervised_model/clustering/data-explore/bias?storeId=1&merchantId=2&train=false&biased=true' \  
  -H 'accept: application/json'
```



#### Request URL

http://localhost:8000/unsupervised\_model/clustering/data-explore/bias?storeId=1&merchantId=2&train=false&biased=true

#### Server response

Code	Details
200	Response body <a href="#">Download file</a> Response headers

```
access-control-expose-headers: Content-Disposition  
Content-Disposition: attachment;filename=missing_and_zero_values.zip  
Content-Type: application/zip  
Date: Tue, 02 Jul 2024 16:04:57 GMT  
Server: unicorn  
Transfer-Encoding: chunked
```

#### Responses

Code	Description	Links
200	Successful Response Media type <a href="#">application/json</a>	No links

Example Value | Schema

"string"

422

Validation Error

No links

Media type

application/json

Example Value | Schema

```
{  
  "detail": [  
    {  
      "loc": [  
        "string",  
        0  
      ],  
      "msg": "string",  
      "type": "string"  
    }  
  ]  
}
```

GET

/unsupervised\_model/clustering/data-explore/age\_distribution EdaAge Distribution

Cancel

Parameters

Name Description

storeId \* required

integer

(query)

1

merchantId \* required

integer

(query)

2

Execute

Clear

Responses

Curl

```
curl -X 'GET' '\  
http://localhost:8000/unsupervised_model/clustering/data-explore/age_distribution?storeId=1&merchantId=2' \  
-H 'accept: application/json'
```



Request URL

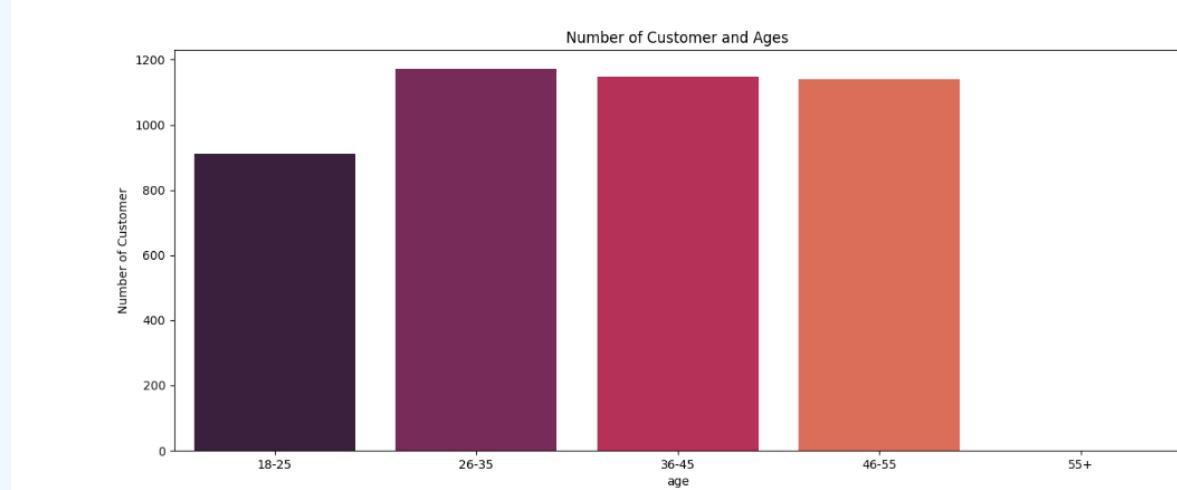
http://localhost:8000/unsupervised\_model/clustering/data-explore/age\_distribution?storeId=1&merchantId=2

Server response

Code Details

200

Response body



Response headers

```
content-type: image/png  
date: Tue, 02 Jul 2024 16:05:19 GMT  
server: uvicorn  
transfer-encoding: chunked
```

Responses

Code Description

200 Successful Response

Links

No links

Media type

application/json

Controls Accept header.

Example Value | Schema

```
"string"
```

422

Validation Error

No links

Media type

application/json

Example Value | Schema

```
{  
  "detail": [  
    {  
      "loc": [  
        "string",  
        0  
      ],  
      "msg": "string",  
      "type": "string"  
    }  
  ]  
}
```

GET /unsupervised\_model/clustering/train/k-means Eda Kmeans

Cancel

#### Parameters

Name Description

storeId \* required

integer  
(query)

1

merchantId \* required

integer  
(query)

2

Execute

Clear

#### Responses

Curl

```
curl -X 'GET' \  
  'http://localhost:8000/unsupervised_model/clustering/train/k-means?storeId=1&merchantId=2' \  
  -H 'accept: application/json'
```



Request URL

[http://localhost:8000/unsupervised\\_model/clustering/train/k-means?storeId=1&merchantId=2](http://localhost:8000/unsupervised_model/clustering/train/k-means?storeId=1&merchantId=2)

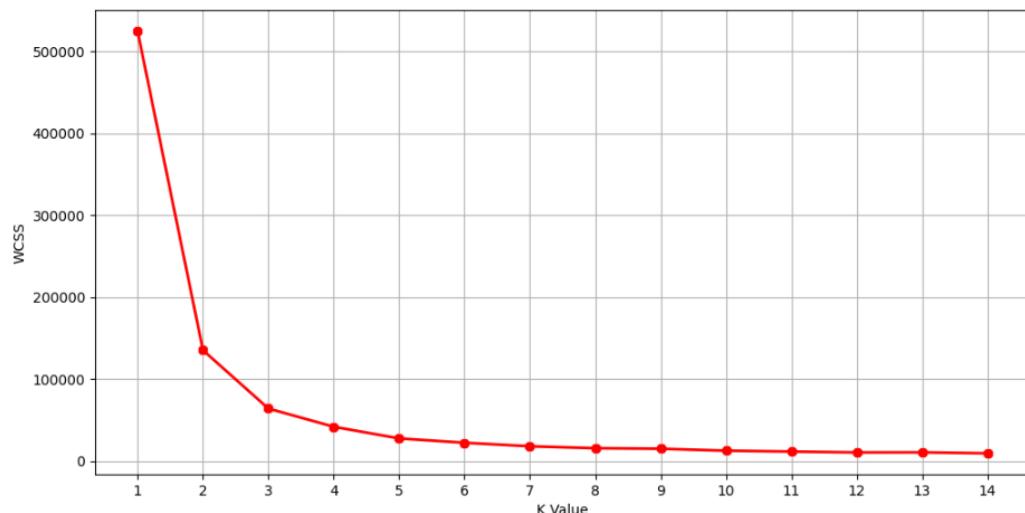


Server response

Code Details

200

Response body



Response headers

```
content-type: image/png  
date: Tue, 02 Jul 2024 16:05:37 GMT  
server: uvicorn  
transfer-encoding: chunked
```

#### Responses

Code Description

Links

200 Successful Response

Media type: application/json

Example Value | Schema

```
"string"
```

422 Validation Error

Media type: application/json

Example Value | Schema

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

**GET** /unsupervised\_model/clustering/train/dendrogram Eda Dendogram

**Parameters**

Name Description

**storeId** \* required integer (query) 1

**merchantId** \* required integer (query) 2

**Execute** **Clear**

**Responses**

Curl

```
curl -X 'GET' \
'http://localhost:8000/unsupervised_model/clustering/train/dendrogram?storeId=1&merchantId=2' \
-H 'accept: application/json'
```

Request URL

```
http://localhost:8000/unsupervised_model/clustering/train/dendrogram?storeId=1&merchantId=2
```

Server response

**Code** **Details**

200 Response body

Number of points in node (or index of point if no parenthesis).

**Response headers**

```
content-type: image/png
date: Tue, 02 Jul 2024 16:05:54 GMT
server: unicorn
transfer-encoding: chunked
```

Responses		Links
Code	Description	
200	Successful Response	No links
	<p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p>Example Value   Schema</p> <pre>"string"</pre>	

422	Validation Error	No links
	<p>Media type</p> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">application/json</div> <p>Example Value   Schema</p> <pre>{   "detail": [     {       "loc": [         "string",         0       ],       "msg": "string",       "type": "string"     }   ] }</pre>	

GET
/unsupervised\_model/clustering/train/percentage-plots-per-segment
Eda Percent Per Segment
Cancel

---

Parameters

Name	Description
storeId * required	integer (query) 1
merchantId * required	integer (query) 2

Execute
Clear

---

Responses

Curl
Copy

```
curl -X 'GET' \
'http://localhost:8000/unsupervised_model/clustering/train/percentage-plots-per-segment?storeId=1&merchantId=2' \
-H 'accept: application/json'
```

Request URL
http://localhost:8000/unsupervised\_model/clustering/train/percentage-plots-per-segment?storeId=1&merchantId=2

Server response

Code
Details

200	<p>Response body</p> <table border="1" style="margin-top: 10px; width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Category</th> <th>Corporate (%)</th> <th>Middle (%)</th> <th>Small (%)</th> </tr> </thead> <tbody> <tr><td>0</td><td>37.3%</td><td>31.0%</td><td>30.9%</td></tr> <tr><td>1</td><td>36.9%</td><td>31.8%</td><td>31.5%</td></tr> <tr><td>2</td><td>38.2%</td><td>31.5%</td><td>30.9%</td></tr> <tr><td>3</td><td>37.3%</td><td>34.5%</td><td>31.5%</td></tr> <tr><td>4</td><td>36.1%</td><td>32.4%</td><td>31.5%</td></tr> <tr><td>5</td><td>36.7%</td><td>32.8%</td><td>31.0%</td></tr> <tr><td>6</td><td>36.8%</td><td>32.8%</td><td>31.7%</td></tr> <tr><td>7</td><td>37.5%</td><td>31.7%</td><td>31.4%</td></tr> <tr><td>8</td><td>36.0%</td><td>31.3%</td><td>31.4%</td></tr> <tr><td>9</td><td>36.7%</td><td>31.7%</td><td>31.4%</td></tr> <tr><td>10</td><td>37.5%</td><td>31.4%</td><td>31.4%</td></tr> <tr><td>11</td><td>39.4%</td><td>32.6%</td><td>32.0%</td></tr> <tr><td>12</td><td>34.3%</td><td>30.6%</td><td>35.1%</td></tr> <tr><td>13</td><td>34.8%</td><td>30.7%</td><td>35.1%</td></tr> <tr><td>14</td><td>38.0%</td><td>35.6%</td><td>34.8%</td></tr> </tbody> </table>	Category	Corporate (%)	Middle (%)	Small (%)	0	37.3%	31.0%	30.9%	1	36.9%	31.8%	31.5%	2	38.2%	31.5%	30.9%	3	37.3%	34.5%	31.5%	4	36.1%	32.4%	31.5%	5	36.7%	32.8%	31.0%	6	36.8%	32.8%	31.7%	7	37.5%	31.7%	31.4%	8	36.0%	31.3%	31.4%	9	36.7%	31.7%	31.4%	10	37.5%	31.4%	31.4%	11	39.4%	32.6%	32.0%	12	34.3%	30.6%	35.1%	13	34.8%	30.7%	35.1%	14	38.0%	35.6%	34.8%
Category	Corporate (%)	Middle (%)	Small (%)																																																														
0	37.3%	31.0%	30.9%																																																														
1	36.9%	31.8%	31.5%																																																														
2	38.2%	31.5%	30.9%																																																														
3	37.3%	34.5%	31.5%																																																														
4	36.1%	32.4%	31.5%																																																														
5	36.7%	32.8%	31.0%																																																														
6	36.8%	32.8%	31.7%																																																														
7	37.5%	31.7%	31.4%																																																														
8	36.0%	31.3%	31.4%																																																														
9	36.7%	31.7%	31.4%																																																														
10	37.5%	31.4%	31.4%																																																														
11	39.4%	32.6%	32.0%																																																														
12	34.3%	30.6%	35.1%																																																														
13	34.8%	30.7%	35.1%																																																														
14	38.0%	35.6%	34.8%																																																														

## Cluster

### Response headers

```
content-type: image/png
date: Tue, 02 Jul 2024 16:06:06 GMT
server: unicorn
transfer-encoding: chunked
```

### Responses

#### Code Description

#### Links

200 Successful Response

No links

##### Media type

application/json

Controls Accept header.

[Example Value](#) | [Schema](#)

"string"

422 Validation Error

No links

##### Media type

application/json

[Example Value](#) | [Schema](#)

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

**GET** /unsupervised\_model/clustering/train/percentage-plots-per-gender Eda Percent Per Gender



[Cancel](#)

### Parameters

#### Name Description

**storeId** \* required

integer  
(query)

1

**merchantId** \* required

integer  
(query)

2

[Execute](#)

[Clear](#)

### Responses

#### Curl

```
curl -X 'GET' \
'http://localhost:8000/unsupervised_model/clustering/train/percentage-plots-per-gender?storeId=1&merchantId=2' \
-H 'accept: application/json'
```



#### Request URL

[http://localhost:8000/unsupervised\\_model/clustering/train/percentage-plots-per-gender?storeId=1&merchantId=2](http://localhost:8000/unsupervised_model/clustering/train/percentage-plots-per-gender?storeId=1&merchantId=2)

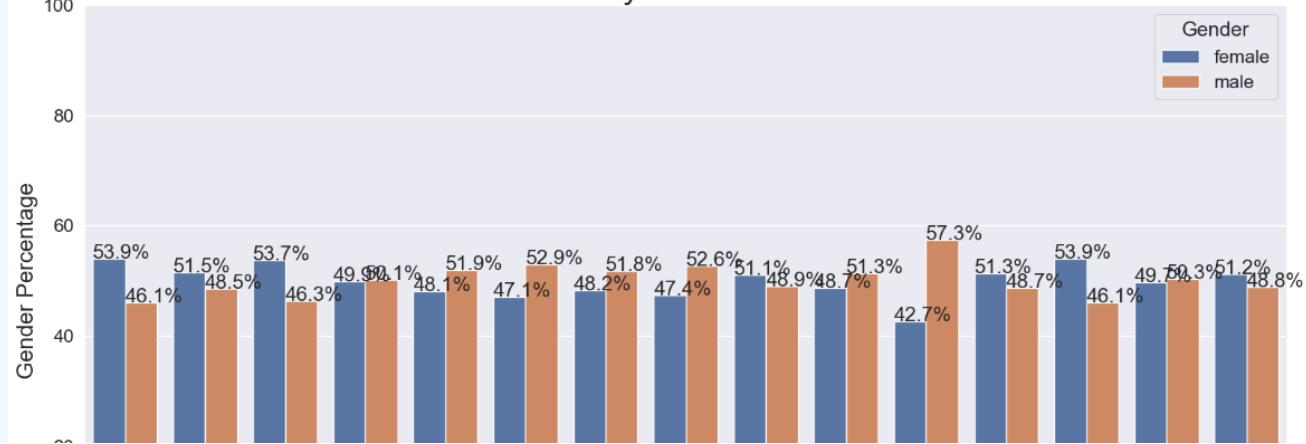
#### Server response

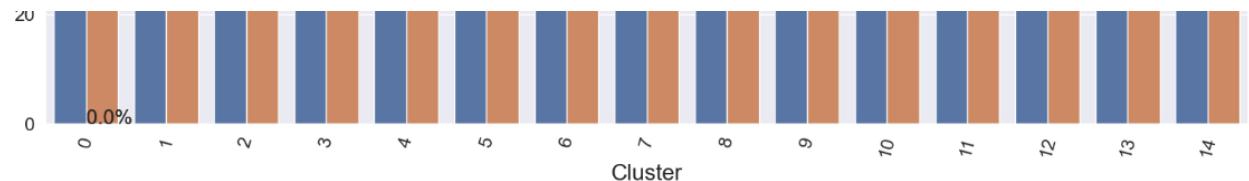
#### Code Details

200

#### Response body

**Cluster By Percent Gender**





#### Response headers

```
content-type: image/png
date: Tue, 02 Jul 2024 16:06:30 GMT
server: unicorn
transfer-encoding: chunked
```

#### Responses

Code	Description	Links
200	Successful Response	No links
422	Validation Error	No links

**GET /unsupervised\_model/clustering/train/average-age-per-cluster** Eda Avg Age Per Cluster

Parameters
Cancel

Name	Description
<b>storeId</b> * required	integer (query) 1
<b>merchantId</b> * required	integer (query) 2

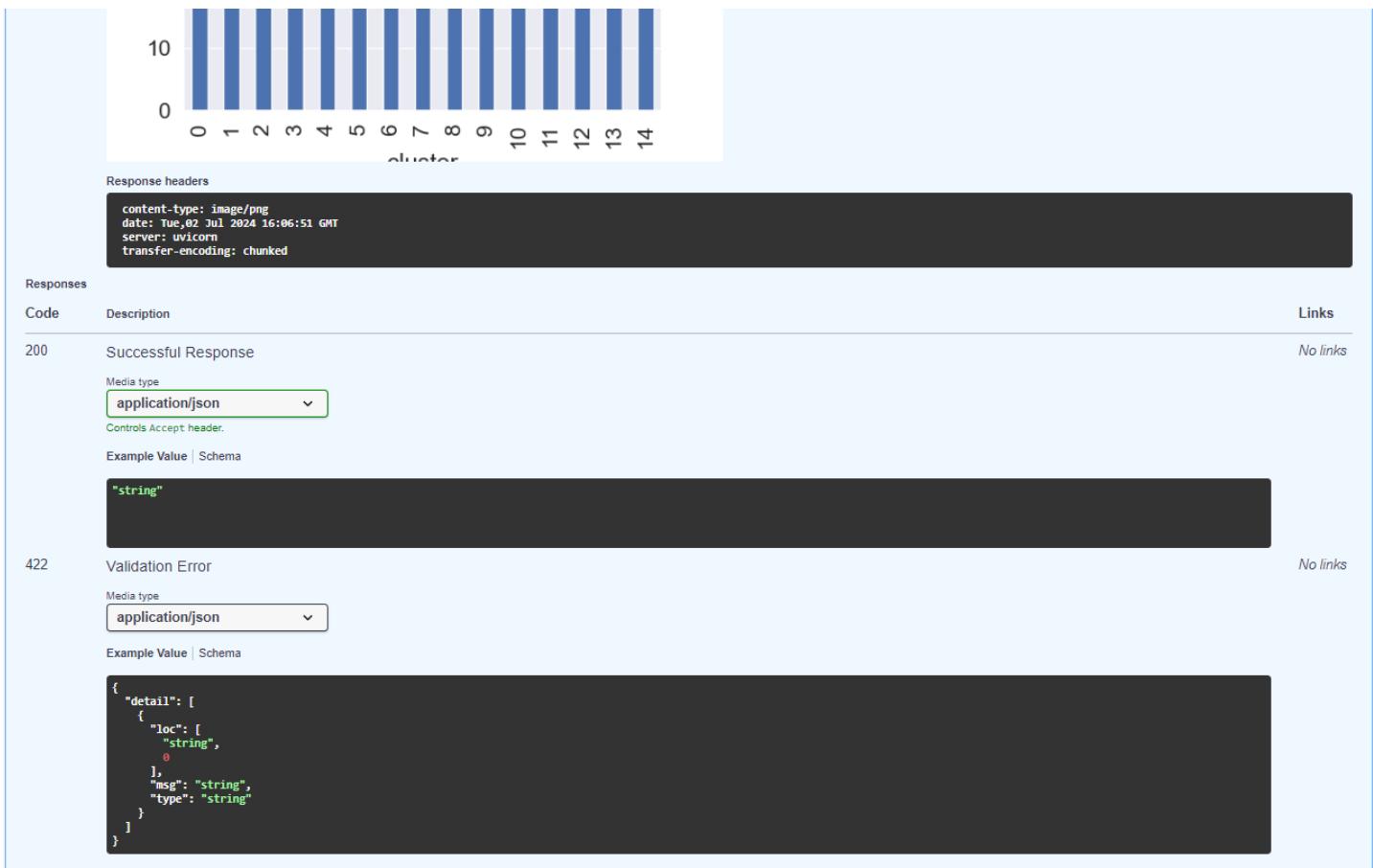
Execute
Clear

#### Responses

Curl	<pre>curl -X 'GET' \ 'http://localhost:8000/unsupervised_model/clustering/train/average-age-per-cluster?storeId=1&amp;merchantId=2' \ -H 'accept: application/json'</pre>
Request URL	<a href="http://localhost:8000/unsupervised_model/clustering/train/average-age-per-cluster?storeId=1&amp;merchantId=2">http://localhost:8000/unsupervised_model/clustering/train/average-age-per-cluster?storeId=1&amp;merchantId=2</a>
Server response	
Code	Details

200 Response body

Cluster	Avg Age
0	~48
1	~25
2	~35
3	~18
4	~26
5	~52
6	~28
7	~45
8	~30
9	~40
10	~48
11	~20
12	~22
13	~20
14	~20



**POST** /unsupervised\_model/clustering/train Train

Parameters

Name	Description
storeId * required	integer (query) 1
merchantId * required	integer (query) 2
n_clusters	integer (query) 15
sample	integer (query) 5

Request body \* required

```
[ 13089, 15810, 13137, 14472, 14646, 14543, 16701, 16241, 15556 ]
```

Execute Clear

Responses

Curl

```
curl -X 'POST' \
  "http://localhost:8000/unsupervised_model/clustering/train?storeId=1&merchantId=2&n_clusters=15&sample=5" \
  -H 'accept: application/json'
```

```

-H 'Accept: application/json' \
-H 'Content-Type: application/json' \
-d '[
  13089, 15810, 13137, 14472, 14646, 14543, 16701, 16241, 15556
]'

```

Request URL  
[http://localhost:8000/unsupervised\\_model/clustering/train?storeId=1&merchantId=2&n\\_clusters=15&sample=5](http://localhost:8000/unsupervised_model/clustering/train?storeId=1&merchantId=2&n_clusters=15&sample=5)

Server response

Code	Details
200	<p>Response body</p> <pre>{   "success": [     {       "recommendation_for": 13089,       "similar_users_recommendations": [         {           "name": "Style and Apply Banksy Paratrooper Rat Wall Decal",           "id": 22726,           "price": 89.99,           "brand": "Style and Apply"         },         {           "name": "Gillette Sensor Refill Blade Cartridges, 10 Count + Schick Slim Twin ST for Dry skin",           "id": 22727,           "price": 14.74,           "brand": "Gillette"         },         {           "name": "Mightyskins Skin Decal Wrap Compatible with Apple Sticker Protective Cover 100's of color Options",           "id": 21034,           "price": 17.99,           "brand": "Mightyskins"         },         {           "name": "Port Authority J335 Hooded Core Soft Shell Jacket, Dress Blue Navy/ Battleship Grey, xs",           "id": 22138,           "price": 49.58,           "brand": "Port Authority"         }       ]     }   ] }</pre> <p><a href="#">Copy</a> <a href="#">Download</a></p> <p>Response headers</p> <pre> access-control-allow-credentials: true content-length: 8260 content-type: application/json date: Tue, 02 Jul 2024 16:08:01 GMT server: uvicorn </pre>

Responses

Code	Description	Links
200	Successful Response	No links
422	Validation Error	No links

GET /unsupervised\_model/classification/data-explore/missing-data Eda Missing Data

Parameters [Cancel](#)

Name	Description
storeId * required	integer (query) 1
merchantId * required	integer (query) 2

[Execute](#) [Clear](#)

Responses

Curl

```
curl -X 'GET' \
'http://localhost:8000/unsupervised_model/classification/data-explore/missing-data?storeId=1&merchantId=2' \
-H 'accept: application/json'
```

Request URL

http://localhost:8000/unsupervised\_model/classification/data-explore/missing-data?storeId=1&merchantId=2

Server response

Code	Details
200	Response body <a href="#">Download file</a> Response headers <pre>access-control-expose-headers: Content-Disposition Content-Disposition: attachment;filename=missing_and_zero_values.zip Content-Type: application/zip Date: Tue, 02 Jul 2024 16:08:03 GMT Server: unicorn Transfer-Encoding: chunked</pre>

Responses

Code	Description	Links
200	Successful Response Media type <input checked="" type="button"/> application/json <small>Controls Accept header.</small> <a href="#">Example Value</a>   <a href="#">Schema</a> <pre>"string"</pre>	No links
422	Validation Error Media type <input checked="" type="button"/> application/json <small>Controls Accept header.</small> <a href="#">Example Value</a>   <a href="#">Schema</a> <pre>{   "detail": [     {       "loc": [         "string",         0       ],       "msg": "string",       "type": "string"     }   ] }</pre>	No links

GET /unsupervised\_model/classification/data-explore/popular\_brand Eda Brand

Parameters

Name	Description
storeId * required	integer (query) 1
merchantId * required	integer (query) 2

[Cancel](#)

Execute

Responses

Code	Description	Links
200	Successful Response Media type <input checked="" type="button"/> application/json <small>Controls Accept header.</small> <a href="#">Example Value</a>   <a href="#">Schema</a> <pre>"string"</pre>	No links
422	Validation Error Media type <input checked="" type="button"/> application/json <small>Controls Accept header.</small> <a href="#">Example Value</a>   <a href="#">Schema</a> <pre>{   "detail": [     {       "loc": [         "string",         0       ],       "msg": "string",       "type": "string"     }   ] }</pre>	No links

GET /unsupervised\_model/classification/data-explore/income Eda Brand

[Cancel](#)

**Parameters**

Name	Description
storeId * required	integer (query) 1
merchantId * required	integer (query) 2

[Execute](#) [Clear](#)

**Responses**

Curl

```
curl -X 'GET' \
'http://localhost:8000/unsupervised_model/classification/data-explore/income?storeId=1&merchantId=2' \
-H 'accept: application/json'
```

Request URL

```
http://localhost:8000/unsupervised_model/classification/data-explore/income?storeId=1&merchantId=2
```

Server response

Code Details

200 Response body

income	count
medium	~280,000
high	~250,000
low	~260,000

Response headers

```
content-type: image/png
date: Tue, 02 Jul 2024 16:23:21 GMT
server: unicorn
transfer-encoding: chunked
```

Responses

Code	Description	Links
200	Successful Response	No links
Media type	application/json	
Example Value   Schema	"string"	

422 Validation Error

Media type	application/json	Links
Example Value   Schema	{ "detail": [ { "loc": [ "string", 0 ], "msg": "string", "type": "string" } ] }	No links

GET /unsupervised\_model/classification/data-explore/age-distribution Eda Age Dist

## Parameters

[Cancel](#)

Name	Description
------	-------------

**storeId** \* requiredinteger  
(query)

1

**merchantId** \* requiredinteger  
(query)

2

[Execute](#)[Clear](#)

## Responses

### Curl

```
curl -X 'GET' \
  'http://localhost:8000/unsupervised_model/classification/data-explore/age-distribution?storeId=1&merchantId=2' \
  -H 'accept: application/json'
```



### Request URL

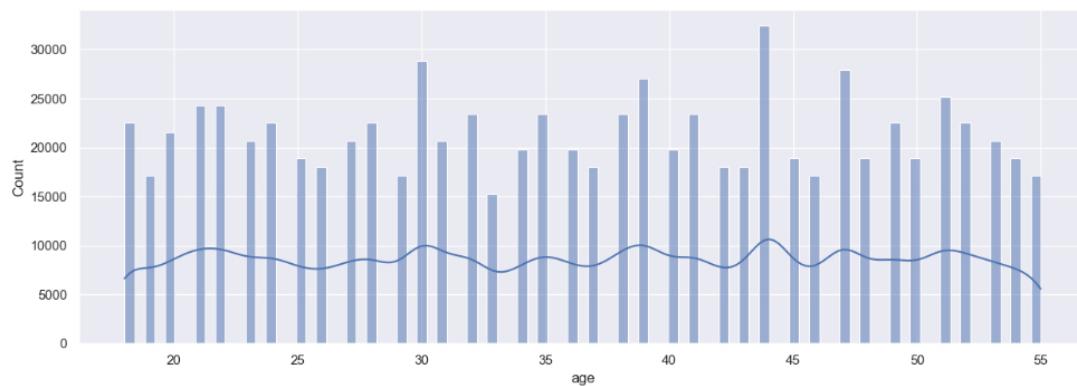
```
http://localhost:8000/unsupervised_model/classification/data-explore/age-distribution?storeId=1&merchantId=2
```

### Server response

Code	Details
------	---------

200

Response body



### Response headers

```
content-type: image/png
date: Tue, 02 Jul 2024 16:21:38 GMT
server: unicorn
transfer-encoding: chunked
```

## Responses

Code	Description	Links
------	-------------	-------

200 Successful Response

[No links](#)

#### Media type

[application/json](#) [▼](#)

Controls Accept header.

[Example Value](#) | [Schema](#)

```
"string"
```

422 Validation Error

[No links](#)

#### Media type

[application/json](#) [▼](#)[Example Value](#) | [Schema](#)

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

[GET](#)[/unsupervised\\_model/classification/data-explore/age-distribution-by-category](#) Eda Age Dist

## Parameters

[Cancel](#)

Name	Description
<b>storeId</b> * required integer (query)	<input type="text" value="1"/>
<b>merchantId</b> * required integer (query)	<input type="text" value="2"/>

[Execute](#) [Clear](#)

### Responses

Curl

```
curl -X 'GET' \
'http://localhost:8000/unsupervised_model/classification/data-explore/age-distribution-by-category?storeId=1&merchantId=2' \
-H 'accept: application/json'
```

Request URL

```
http://localhost:8000/unsupervised_model/classification/data-explore/age-distribution-by-category?storeId=1&merchantId=2
```

Server response

Code	Details
200	<p>Response body</p> <p>Count</p> <p>age</p> <ul style="list-style-type: none"> <li>Home</li> <li>Premium Beauty</li> <li>Home Improvement</li> <li>Toys</li> <li>Auto &amp; Tires</li> <li>Party &amp; Occasions</li> <li>Electronics</li> <li>Food</li> <li>Cell Phones</li> <li>Sports &amp; Outdoors</li> <li>Jewelry</li> <li>Baby</li> <li>Arts, Crafts &amp; Sewing</li> <li>Personal Care</li> <li>Patio &amp; Garden</li> <li>Movies &amp; TV Shows</li> <li>Shop by Brand</li> <li>Seasonal</li> <li>Musical Instruments</li> <li>Music</li> </ul>

Response headers

```
content-type: image/png
date: Tue, 02 Jul 2024 16:21:17 GMT
server: unicorn
transfer-encoding: chunked
```

### Responses

Code	Description	Links
200	Successful Response	No links
422	Validation Error	No links

GET /unsupervised\_model/classification/data-explore/customer-bought Eda Customers Buy

Cancel

### Parameters

Name	Description
<b>storeId</b> * required integer	<input type="text" value="1"/>

(query)

**merchantId** \* required  
integer  
(query)

2

**Execute** **Clear**

**Responses**

Curl

```
curl -X 'GET' \
'http://localhost:8000/unsupervised_model/classification/data-explore/customer-bought?storeId=1&merchantId=2' \
-H 'accept: application/json'
```

Request URL

```
http://localhost:8000/unsupervised_model/classification/data-explore/customer-bought?storeId=1&merchantId=2
```

Server response

Code	Details
200	<b>Response body</b> <p>Response headers</p> <pre>content-type: image/png date: Tue, 02 Jul 2024 16:22:04 GMT server: unicorn transfer-encoding: chunked</pre>

**Responses**

Code	Description	Links
200	Successful Response	No links
422	Validation Error	No links

Media type

application/json

Controls Accept header.

Example Value | Schema

```
"string"
```

Media type

application/json

Example Value | Schema

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

## graphql

GET /graphql Handle Http Get

POST /graphql Handle Http Post

## Schemas

[HTTPValidationError](#) > [Expand all](#) [object](#)

[ValidationError](#) > [Expand all](#) [object](#)

[Variation](#) > [Expand all](#) [object](#)