School of Computing (SoC)

ST0524

Fundamental of Programming 2

ASSIGNMENT 1

Endpoints Documents (DataSet 2)

**Endpoint:**

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **GET** | | /allussuperstore | |
|  | Get all data from dataset | |
|  | | |
| **Parameters** | | |
| Name | Type | Description |
| N.A. |  |  |
|  | | |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example call: /allussuperstore  Example Value:   |  | | --- | | **[**  **{**  **"rowID": "1",**  **"orderID": "CA-2016-152156",**  **"orderDate": "08/11/2016",**  **"shipDate": "11/11/2016",**  **"shipMode": "Second Class",**  **"customerID": "CG-12520",**  **"customerName": "Claire Gute",**  **"segment": "Consumer",**  **"country": "United States",**  **"city": "Henderson",**  **"state": "Kentucky",**  **"postalCode": "42420",**  **"region": "South",**  **"productID": "FUR-BO-10001798",**  **"category": "Furniture",**  **"subCategory": "Bookcases",**  **"productName": "Bush Somerset Collection Bookcase",**  **"sales": 261.96,**  **"quantity": 2,**  **"discount": 0,**  **"profit": 41.9136**  **}, ………**  **………**  **]** | | |

**Endpoint 2:**

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **GET** | | /bysegment/:segment | |
|  | Return data by segment (Consumer, Corporate, Home Office) | |
|  | | |
| **Parameters** | | |
| Name | Type | Description |
| category | path | By segment (Consumer, Corporate, Home Office) |
|  | | |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example call: /bysegment/Consumer  Example Value:   |  | | --- | | **[**  **{**  **"rowID": "1",**  **"orderID": "CA-2016-152156",**  **"orderDate": "08/11/2016",**  **"shipDate": "11/11/2016",**  **"shipMode": "Second Class",**  **"customerID": "CG-12520",**  **"customerName": "Claire Gute",**  **"segment": "Consumer",**  **"country": "United States",**  **"city": "Henderson",**  **"state": "Kentucky",**  **"postalCode": "42420",**  **"region": "South",**  **"productID": "FUR-BO-10001798",**  **"category": "Furniture",**  **"subCategory": "Bookcases",**  **"productName": "Bush Somerset Collection Bookcase",**  **"sales": 261.96,**  **"quantity": 2,**  **"discount": 0,**  **"profit": 41.9136**  **}, ………**  **………**  **]** |   No record found:   |  | | --- | | **[]** | | |

**Endpoint 3:**

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **GET** | | /bycategory/:category | |
|  | Return data by category (Furniture, Office Supplies, Technology) | |
|  | | |
| **Parameters** | | |
| Name | Type | Description |
| sellonline | Path | By category (Furniture, Office Supplies, Technology) |
|  | | |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example call: bycategory/Furniture  Example Value:   |  | | --- | | **[**  **{**  **"rowID": "1",**  **"orderID": "CA-2016-152156",**  **"orderDate": "08/11/2016",**  **"shipDate": "11/11/2016",**  **"shipMode": "Second Class",**  **"customerID": "CG-12520",**  **"customerName": "Claire Gute",**  **"segment": "Consumer",**  **"country": "United States",**  **"city": "Henderson",**  **"state": "Kentucky",**  **"postalCode": "42420",**  **"region": "South",**  **"productID": "FUR-BO-10001798",**  **"category": "Furniture",**  **"subCategory": "Bookcases",**  **"productName": "Bush Somerset Collection Bookcase",**  **"sales": 261.96,**  **"quantity": 2,**  **"discount": 0,**  **"profit": 41.9136**  **},**  **………**  **………**  **]** |     No record found:   |  | | --- | | **[]** | | |

**Endpoint 4:**

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **GET** | | /bycustomername/:customername | |
|  | Return data query by name of customer | |
|  | | |
| **Parameters** | | |
| Name | Type | Description |
| designer | path | Name of customer, eg. Darrin Van Huff |
|  | | |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example call: bycustomername/Darrin Van Huff  Example Value:   |  | | --- | | **[**  **{**  **"rowID": "3",**  **"orderID": "CA-2016-138688",**  **"orderDate": "12/06/2016",**  **"shipDate": "16/06/2016",**  **"shipMode": "Second Class",**  **"customerID": "DV-13045",**  **"customerName": "Darrin Van Huff",**  **"segment": "Corporate",**  **"country": "United States",**  **"city": "Los Angeles",**  **"state": "California",**  **"postalCode": "90036",**  **"region": "West",**  **"productID": "OFF-LA-10000240",**  **"category": "Office Supplies",**  **"subCategory": "Labels",**  **"productName": "Self-Adhesive Address Labels for Typewriters by Universal",**  **"sales": 14.62,**  **"quantity": 2,**  **"discount": 0,**  **"profit": 6.8714**  **},**  **………**  **………**  **]** |   No record found:   |  | | --- | | **[]** | | |

**Endpoint 5:**

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **GET** | | /byshipmode/:shipmode | |
|  | Return data query by shipping mode (Standard Class, First Class, Second Class) | |
|  | | |
| **Parameters** | | |
| Name | Type | Description |
| designer | path | By ship mode (Standard Class, First Class, Second Class) |
|  | | |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example call: /byshipmode/Standard Class  Example Value:   |  | | --- | | **[**  **{**  **"rowID": "4",**  **"orderID": "US-2015-108966",**  **"orderDate": "11/10/2015",**  **"shipDate": "18/10/2015",**  **"shipMode": "Standard Class",**  **"customerID": "SO-20335",**  **"customerName": "Sean O'Donnell",**  **"segment": "Consumer",**  **"country": "United States",**  **"city": "Fort Lauderdale",**  **"state": "Florida",**  **"postalCode": "33311",**  **"region": "South",**  **"productID": "FUR-TA-10000577",**  **"category": "Furniture",**  **"subCategory": "Tables",**  **"productName": "Bretford CR4500 Series Slim Rectangular Table",**  **"sales": 957.5775,**  **"quantity": 5,**  **"discount": 0.45,**  **"profit": -383.031**  **},**  **………**  **]** |   No record found:   |  | | --- | | **[]** | | |

- END -