Request GET Categories. /api/v1/categories/all_data. Checking data in DB		
	Step	**Expected Result**

1	Execute request GET
	https://advantageonlineshopping.com
	/catalog/api/v1/categories/all_data
		Статус 200 ОК
		[{
		"attributes": [
		{ "attributeName": "string",
		"attributeValues": [
		"string"
		]
		}
		],
		"categoryId": 0,
		"categoryImageId": "string",
		"categoryName": "string",
		"colors": [
		"string"],
		"products": [
		{ "attributes": [
		{
		"attributeName": "string",
		"attributeValue": "string",
		"showInFilter": true
		}
		],
		"categoryId": 0,
		"colors": [
		{
		"code": "string",
		"inStock": 0,
		"name": "string"
		}
		],
		"description": "string",
		"imageUrl": "string",
		"images": [
		"string"
		],
		"price": 0,
		"productId": 0,
		"productName": "string",
		"productStatus": "string"
		}
		],
		"promotedProduct": {
		"attributes": [
		{
		"attributeName": "string",
		"attributeValue": "string"
		}
		],
		"color": "string",
		"description": "string",

		"id": 0, "imageUrl": "string", "price": 0, "productName": "string", "promotionHeader": "string", "promotionImageId": "string", "promotionSubHeader": "string", "staringPrice": "string" } }]
2	Check the number of categories. Make a query to the DB **SELECT** count(category_name) as number_of_categories **FROM** category	Number of categories
3	Compare numbers in JSON response and in DB	Number of categories in JSON response is equal to number of categories in DB
4	Make a query to get category_id **SELECT** category_id **FROM** category **WHERE** category_name = {'categoryName'}	Category id
5	Compare numbers in JSON response and in DB	Category_id in JSON response is equal to DB response
6	Make a query to get category_name **SELECT** category_name **FROM** category **WHERE** category_id = **{categoryId}**	Category name
7	Compare name of the category in JSON response and in DB	Category name in JSON response is equal to DB response
8	Make a query to get the name of the category image **SELECT** managed_image_id **FROM** category **WHERE** category_id = **{categoryId}**	Name of the category image
9	Compare name of the category image in JSON response and in DB	Category image name in JSON response is equal to DB response
10	Make a query to get the number of popular products **SELECT** **COUNT**(product_id) **FROM** deals	Number of popular products

11	Compare number of popular products in JSON response with DB response	Number of popular products in JSON response is equal to DB response
12	Make a query to check promotedProduct id is equal to category **SELECT** id **FROM** deals **WHERE** product_id = **{promotedProduct id}**	Id of the category
13	Compare category_id in JSON response with DB response	The values in the JSON response and in the DB are the same
14	Make a query to get staringPrice **SELECT** staringPrice **FROM** deals **WHERE** id = **{category_id}**	staringPrice
15	Compare staringPrice in JSON response with DB response	The values in the JSON response and in the DB are the same
16	Make a query to get promotionHeader **SELECT** promotionHeader **FROM** deals **WHERE** id = **{category_id}**	First marketing phrase
17	Compare promotionHeader in JSON response with DB response	The values in the JSON response and in the DB are the same
18	Make a query to get promotionsubHeader **SELECT** promotionsubHeader **FROM** deals **WHERE** id = **{category_id}**	Second marketing phrase
19	Compare promotionsubHeader in JSON response with DB response	The values in the JSON response and in the DB are the same
20	Make a query to get product name **SELECT** product_name **FROM** product **INNER JOIN** deals **ON** product.category_id = deals.id **WHERE** id = **{category_id}** and product.product_id = **{product_id}**	Product name
21	Compare productName in JSON response with DB response	The values in the JSON response and in the DB are the same
22	Make a query to get product price **SELECT**	Price of the product

	price **FROM** product **WHERE** product_id = **{product_id}**	
23	Compare price in JSON response with DB response	The values in the JSON response and in the DB are the same
24	Make a query to get a product description **SELECT** description **FROM** product **WHERE** product_id = **{product_id}**	Product description
25	Compare description in JSON response with DB response	The values in the JSON response and in the DB are the same
26	Make a query to get a product image **SELECT** managed_image_id **FROM** product **WHERE** product_id = **{product_id}**	managed_image_id
27	Compare imageurl in JSON response with DB response	The values in the JSON response and in the DB are the same
28	Make a query to get a number of popular product attributes **SELECT** **COUNT**(attribute_id) **AS** numberofAttr **FROM** product_attributes WHERE product_id = **{id}**	Number of product attributes
29	Compare number of attributes in JSON response with DB response	The values in the JSON response and in the DB are the same
30	Make a query to get attribute name **SELECT** attribute.name **AS** attr_name **FROM** product_attributes **INNER JOIN** attribute **ON** product_attributes.attribute_id = attribute.attribute_id **WHERE** product_id = **{productId} AND** name = **{attributeName}**	Name of the attribute
31	Compare attribute name in JSON response with DB response	The values in the JSON response and in the DB are the same
32	Make a query to check that attribute name is relevant to attribute value **SELECT** attributevalue **FROM** product_attributes **INNER JOIN** attribute **ON**	attributevalue

	product_attributes.attribute_id = attribute.attribute_id **WHERE** product_id = **{productId} AND** name = **{attributeName}**	
33	Compare attributevalue in JSON response with DB response	The values in the JSON response and in the DB are the same
34	Make a query to get the number of category attributes **SELECT** **COUNT**(**DISTINCT**(product_attributes.attribute_id)) **FROM** product_attributes **INNER JOIN** attribute **ON** product_attributes.attribute_id = attribute.attribute_id **INNER JOIN** product **ON** product.product_id = product_attributes.product_id **WHERE** category_id = **{category_id}**	Number of attributes
35	Compare number of attributes in JSON response with DB response	The values in the JSON response and in the DB are the same
36	Make a query to get all values of distinct attribute **SELECT** **DISTINCT**(attributevalue) **FROM** product_attributes **INNER JOIN** attribute **ON** product_attributes.attribute_id = attribute.attribute_id **INNER JOIN** product **ON** product.product_id = product_attributes.product_id **WHERE** name = **{attributeName} AND** category_id = **{categoryId}**	All attribute values of distinct attribute
37	Compare attribute values in JSON response with DB response	The values in the JSON response and in the DB are the same
38	Make a query to get number of products in distinct category **SELECT** count(product_id) as number_of_products **FROM** product **WHERE** category_id = **{categoryId}**	Number of products
39	Compare number of products in JSON response with DB response	The values in the JSON response and in the DB are the same
40	Make a query to check the product is relevant to the category **SELECT** product_id **FROM** product **WHERE** category_id = **{categoryId}** AND product_id = **{productId}**	Product_id

41	Compare values in JSON response with DB response	The values in the JSON response and in the DB are the same
42	Make a query to get the product name **SELECT** product_name **FROM** product **WHERE** product_id = **{productId}**	Name of product
43	Compare productname value in JSON response with DB response	The values in the JSON response and in the DB are the same
44	Make a query to get the product price **SELECT** price **FROM** product **WHERE** product_id = **{productId}**	Price of the product
45	Compare product price value in JSON response with DB response	The values in the JSON response and in the DB are the same
46	Make a query to get a product description **SELECT** description **FROM** product **WHERE** product_id = **{productId}**	Product description
47	Compare product description in JSON response with DB response	The values in the JSON response and in the DB are the same
48	Make a query to get a product image id **SELECT** managed_image_id **FROM** product **WHERE** product_id = **{productId}**	Product image id
49	Compare product imageUrl in JSON response with managed_image DB response	The values in the JSON response and in the DB are the same
50	Make a query to get the number of product attributes **SELECT** **COUNT**(attribute_id) AS numberofAttr **FROM** product_attributes **WHERE** product_id = **{productId}**	Number of product attributes
51	Compare number of attributes in JSON response with DB response	The values in the JSON response and in the DB are the same
52	Make a query to check that attribute is relevant to the product **SELECT** attribute.name AS attr_name **FROM** product_attributes	Name of attribute

	INNER JOIN attribute **ON** product_attributes.attribute_id = attribute.attribute_id **WHERE** product_id = **{productId} AND** name = **{attributeName}**	
53	Compare attribute name in JSON response with DB response	The values in the JSON response and in the DB are the same
54	Make a query to check that attribute name is relevant to attribute value **SELECT** attributevalue **FROM** product_attributes **INNER JOIN** attribute **ON** product_attributes.attribute_id = attribute.attribute_id **WHERE** product_id = **{productId} AND** name = {**attributeName**}	attributevalue
55	Compare attribute value in JSON response with DB response	The values in the JSON response and in the DB are the same
56	Make a query to get showInfilter **SELECT** show_in_filter **FROM** category_attributes_filter **INNER JOIN** attribute **ON** attribute.attribute_id = category_attributes_filter.attribute_id **WHERE** name = **{attributeName} AND** category_id = **{categoryId}**	show_in_filter value
57	Compare show_in_filter value in JSON response with DB response	The values in the JSON response and in the DB are the same
58	Make a query to count the product colors **SELECT** **COUNT**(code) AS Colors **FROM** colorattribute **WHERE** product_id = {productId}	Number of product colors
59	Compare number of product colors in JSON response with DB response	Number of colors will be the same
60	Make a query to check that color is relevant to the product **SELECT** name **FROM** colorattribute **WHERE** product_id = **{productId} AND** code = **{code}**	Name of the color
61	Compare name of the color in JSON response with DB response	The values in the JSON response and in the DB are the same
62	Make a query to count the products with specific color **SELECT**	Number of items with specific color

	instock **FROM** colorattribute **WHERE** product_id = **{productId} AND** code = **{code}**	
63	Compare instock in JSON response with DB response	The values in the JSON response and in the DB are the same
64	Make a query to count the product images **SELECT** **COUNT**(imageurl) **FROM** imageattribute **WHERE** product_id = **{productId}**	Number of product images
65	Compare number of product images in JSON response with DB response	The values in the JSON response and in the DB are the same
66	Make a query to check that product image is relevant to the product **SELECT** imageurl **FROM** imageattribute **WHERE** product_id = **{productId} AND** imageurl = **{images}**	Image url
67	Compare imageurl in JSON response with DB response	The values in the JSON response and in the DB are the same
68	Make a query to get product status **SELECT** productstatus **FROM** product **WHERE** product_id = **{productId}**	Product status
69	Compare product status in JSON response with DB response	The values in the JSON response and in the DB are the same