

Project Name: Test_NBA_DATA_USA
Section: Postman Test
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ID	Description	Precondition	Expected Result	Obtained Result	Status	Observations
TP01	Validate JSON response and structure for the Universities API.	The API server must be available and return a valid JSON response.	The JSON response must have a valid structure and status 200 OK.	The response contains a valid structure, and the status is 200 OK.	Approved	The JSON structure was successfully validated, and the HTTP code was verified.
TP02	Validate JSON response and structure for the Degrees API.	The API server must be available and return a valid JSON response.	The response must contain a valid structure and return 200 OK.	The response contains a valid structure, and the HTTP code is 200 OK.	Approved	The JSON response structure was validated, and the HTTP code was successfully verified.
TP03	Validate JSON response and structure for the Universities API.	The API server must be available and return a valid JSON response.	The response must contain a valid structure and return 200 OK.	The response contains a valid structure, and the HTTP code is 200 OK.	Approved	The JSON response structure was validated, including the fields name , dimension , hierarchy , and alts .
TP04	Validate JSON response for the <i>Products & Services</i> API.	The API server must be available and return a valid JSON response.	The response must have a valid JSON structure with the required fields and allow dynamic data extraction.	<ul style="list-style-type: none">• The JSON structure is valid and meets the expected fields.• Dynamic data extraction was successful.• The image field and its sub-properties (url, author) were handled correctly.• The HTTP response code was 200 OK.	Approved	The <i>Products & Services</i> API test was successful, validating the JSON structure, required fields, and proper error handling.
TP05	Validate the response of the <i>Occupations</i> API with focus on:	The API server must be available and return a valid JSON response.	<ul style="list-style-type: none">• The JSON must include the required fields: name, dimension, hierarchy, key, alts,	<ul style="list-style-type: none">• The response includes all mandatory fields.• The data was extracted dynamically for all records.	Approved	The test successfully validated the schema structure, dynamic data extraction, and proper error handling for the <i>Occupations</i> API.

	<ul style="list-style-type: none"> Dynamic data extraction. Schema validation. Error handling. 		<p>image (with subfields url and author).</p> <ul style="list-style-type: none"> The data must be extracted dynamically without errors. The image field must correctly handle empty or false values. The HTTP response must be 200 OK. 	<ul style="list-style-type: none"> The image field correctly handles false and empty values. The response code was 200 OK. 		
TP06	<p>Validation of the Industries API response, focusing on:</p> <ul style="list-style-type: none"> Dynamic data extraction. Schema validation. Error handling. 	The API server must be available and return a valid JSON response.	<ul style="list-style-type: none"> The JSON response contains all required fields: name, dimension, hierarchy, key, alts, and image (with subfields url and author if applicable). Dynamic data is extracted successfully. The image field handles null or false values appropriately. The HTTP response status is 200 OK. 	<ul style="list-style-type: none"> The JSON response includes all required fields for each industry. Dynamic data was successfully extracted: name, dimension, hierarchy, alts, and image. The image field correctly handles cases where the value is false or null. The HTTP response status was 200 OK. 	Approved	The test successfully validated the schema, confirmed the proper handling of image values, and extracted all relevant data dynamically.
TP07	<p>Validation of the Restaurants-Food API response, focusing on:</p> <ul style="list-style-type: none"> Dynamic data extraction. 	The API server must be available and return data in a valid JSON format.	<ul style="list-style-type: none"> The response must include the following fields for each item: id, dimension, hierarchy, slug, name, contentId, 	<ul style="list-style-type: none"> The JSON response contains all the required fields for each item. Data was successfully extracted for fields: id, dimension, hierarchy, slug, 	Approved	<ul style="list-style-type: none"> The schema was validated successfully for all records. Dynamic data extraction worked as expected, and no errors were found.

	<ul style="list-style-type: none"> • Schema validation. • Error handling. 		<ul style="list-style-type: none"> • cubeName, and imageId. • Dynamic extraction of data must succeed. • The imageId field should correctly handle null values. • The HTTP response status must be 200 OK. 	<ul style="list-style-type: none"> • name, contentId, cubeName, and imageId. • The imageId field handles null and numeric values appropriately. • The HTTP response status was 200 OK. 		<ul style="list-style-type: none"> • Null handling for the imageId field was implemented and verified correctly.
TP08	<p>Validation of the General Psychology API response, focusing on:</p> <ul style="list-style-type: none"> • Dynamic data extraction. • Schema validation. • Error handling. 	The API server must be available and return data in a valid JSON format.	<ul style="list-style-type: none"> • Each item in the response includes the following fields: • id, dimension, hierarchy, slug, name, contentId, and imageId. • Dynamic extraction of data is successful for all fields. • The imageId field handles null values appropriately. • The HTTP response status is 200 OK. 	<ul style="list-style-type: none"> • The JSON response contains all the required fields for each item. • Data was successfully extracted for fields: id, dimension, hierarchy, slug, name, contentId, and imageId. • The imageId field correctly handles null and numeric values. • The HTTP response status was 200 OK. 	Approved	<ul style="list-style-type: none"> • Schema validation was successfully performed, ensuring all required fields are present. • Dynamic data extraction was accurate and complete for all records. • The imageId field handled null values without issues.
TP09	<p>Validation of the Intellectual Property and Related Products API response, focusing on:</p> <ul style="list-style-type: none"> • Dynamic data extraction. • Schema validation. 	The API server must be available and return a valid JSON response.	<ul style="list-style-type: none"> • The response includes the following fields for each record: • id, dimension, hierarchy, slug, name, contentId and imageId. 	<ul style="list-style-type: none"> • The JSON response contains all required fields for each record. • Dynamic data extraction was successful for fields: • id, dimension, hierarchy, slug, name, contentId, and imageId. 	Approved	<ul style="list-style-type: none"> • Schema validation confirmed the presence of all required fields. • Data was dynamically extracted and displayed correctly in the visualization.

	<ul style="list-style-type: none"> Error handling. 		<ul style="list-style-type: none"> Dynamic extraction of the data must be successful. The imageld field must handle null or numeric values appropriately. The HTTP response status must be 200 OK. 	<ul style="list-style-type: none"> The imageld field correctly handles null values and numeric data. The HTTP response status was 200 OK. 		<ul style="list-style-type: none"> The API correctly handles edge cases such as null values in the imageld field.
TP010	<p>Validation of the Florida International University API response, focusing on:</p> <ul style="list-style-type: none"> Dynamic data extraction. Schema validation. Error handling. 	<p>The API server must be available and return a valid JSON response.</p>	<ul style="list-style-type: none"> The response includes the following fields for each record: id, dimension, hierarchy, slug, name, contentId, and imageld. Dynamic extraction of data is successful. The imageld field must handle null or numeric values appropriately. The HTTP response status must be 200 OK. 	<ul style="list-style-type: none"> The JSON response contains all required fields for each record. Dynamic data extraction was successful for fields: id, dimension, hierarchy, slug, name, contentId, and imageld. The imageld field correctly handles null values and numeric data. The HTTP response status was 200 OK. 	Approved	<ul style="list-style-type: none"> Schema validation confirmed the presence of all required fields. Data extraction was accurate and complete for all records. The imageld field handled null values without issues.