1. **Response status code is 200**:
   - This test ensures that the HTTP response status code is 200, indicating a successful request.
   - It uses Chai Assertion Library through the Postman API (`pm.expect`) to check if `pm.response.code` equals 200.
2. **Content-Type is application/json**:
   - This test verifies that the `Content-Type` header of the response is set to `application/json`, indicating that the response body is in JSON format.
   - It checks the `Content-Type` header using `pm.response.headers.get("Content-Type")` and ensures it includes `"application/json"`.
3. **Validate the responseData object**:
   - This test checks the structure of the JSON response.
   - It expects that the `responseData` object exists within the response and that it is an object itself.
4. **Product images array is present and not empty in each result**:
   - This test ensures that each result within the `responseData.results` array contains a non-empty `product_images` array.
   - It first verifies that `responseData.results` is an array.
   - Then, it iterates over each result and checks if the `product_images` array exists, is an array itself, and has a length of at least 1.
5. **Visualizer Template**:
   - This section is a custom HTML template that will be used to visualize the response data in a table format.
   - It defines the CSS styles for the table.
   - It constructs an HTML table where each row corresponds to a result from the response data.
   - Inside the table, it uses Handlebars.js syntax (`{{#each}}`) to iterate over each result and populate the table cells with relevant data attributes like `id`, `user_id`, `category_id`, etc.
6. **constructVisualizerPayload function**:
   - This function is responsible for constructing the payload that will be used to render the visualizer template.
   - It returns an object containing the response data (`pm.response.json()`) under the key `response`.
7. **pm.visualizer.set**:
   - This line sets the visualizer template (`template`) with the payload constructed by the `constructVisualizerPayload` function.
   - It essentially renders the HTML table with the response data.