

Endpoint Analysis Using Postman Tool :

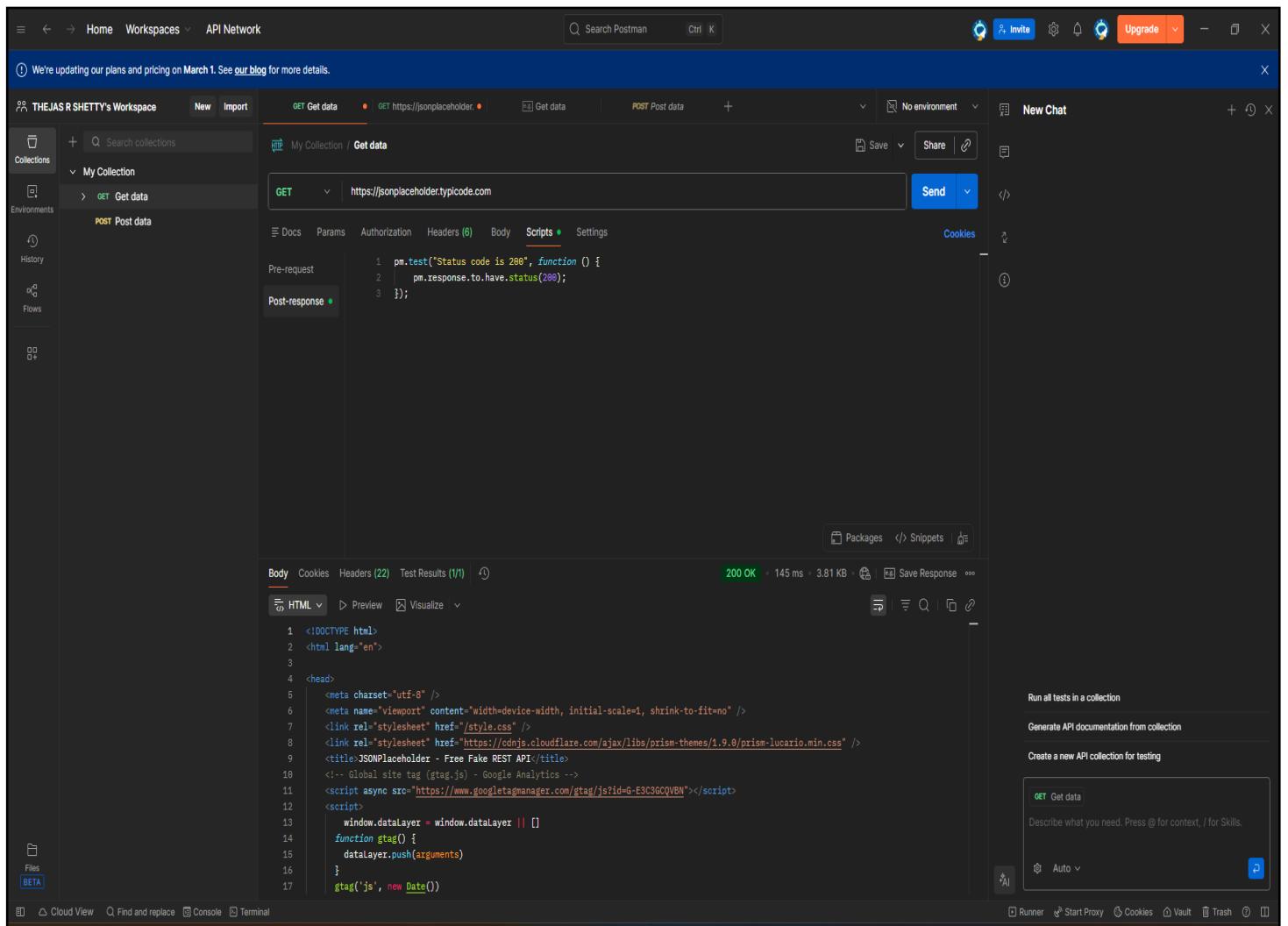


Fig 1 : Main Website

The screenshot shows the Postman application interface. In the top navigation bar, there are links for Home, Workspaces, and API Network. A search bar says "Search Postman" and a keyboard shortcut "Ctrl K". On the right, there are icons for Invite, Share, Upgrade, and a user profile. The main workspace is titled "THEJAS R SHETTY's Workspace". A message at the top says "We're updating our plans and pricing on March 1. See our blog for more details." On the left sidebar, there are sections for Collections, Environments, History, Flows, and a plus sign for new items. Under "Collections", there is a "My Collection" section with a "Get data" item selected. The main content area shows a "GET" request to "https://jsonplaceholder.typicode.com/users". The "Headers" tab is selected, showing a table with one row: "Key" and "Value". Below this, the "Body" tab is selected, showing a JSON response. The response is a list of users, with the first few lines of the JSON shown below:

```
1 [  
2 {  
3   "id": 1,  
4   "name": "Leanne Graham",  
5   "username": "Bret",  
6   "email": "Sincere@april.biz",  
7   "address": {  
8     "street": "Kulas Light",  
9     "suite": "Apt. 556",  
10    "city": "Gwenborough",  
11    "zipcode": "92998-3874",  
12    "geo": {  
13      "lat": "-37.3159",  
14      "lng": "81.1496"  
15    }  
16  },  
17  "phone": "1-770-736-8831 x66442",  
18  "website": "hildegard.org",  
19  "company": {  
20    "name": "Romaguera-Crona",  
21    "catchPhrase": "Multi-layered client-server neural-net",  
22    "bs": "harness real-time e-markets"  
23  },  
24 },  
25 {  
26   "id": 2,
```

On the right side of the interface, there are several buttons: "Run all tests in a collection", "Generate API documentation from collection", and "Create a new API collection for testing". Below these is a "GET Get data" button with a tooltip "Describe what you need. Press @ for context, / for Skills." There is also an "AI" button. At the bottom, there is a toolbar with icons for Cloud View, Find and replace, Console, Terminal, Runner, Start Proxy, Cookies, Vault, Trash, and a weather widget showing "29°C Mostly sunny". The system tray shows the date and time as "2/22/2026 6:40 PM" and includes icons for ENG IN, battery, and signal.

Fig 2 : User Full Analysis

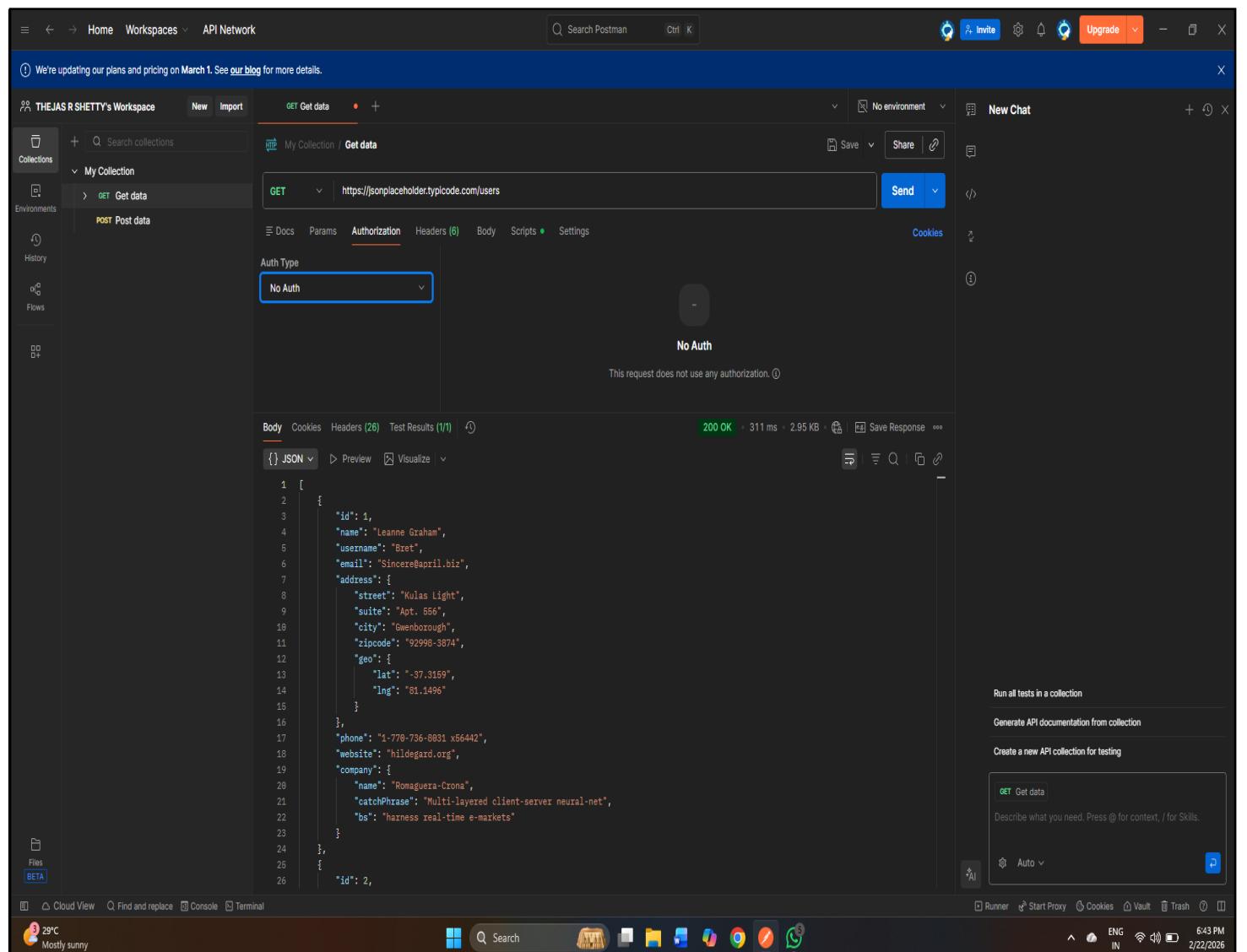


Fig 3 : No Authorization

The screenshot shows the Postman application interface. In the top navigation bar, there are links for Home, Workspaces, and API Network. A search bar at the top right contains the placeholder "Search Postman". On the far right, there are icons for Invite, Upgrade, and other account-related options.

In the main workspace, a message banner at the top left says: "We're updating our plans and pricing on March 1. See our blog for more details." Below this, the user's workspace is titled "THEJAS R SHETTY's Workspace".

The central area displays a collection named "My Collection" with a single item: "Get data". This item has a "GET" method selected, pointing to the URL "https://jsonplaceholder.typicode.com/users/1". The "Headers" tab is active, showing a table with one row:

Key	Value	Description
Key	Value	Description

Below the table, the "Body" tab is selected, showing the JSON response from the API call. The response is a single user object:

```
1 {  
2   "id": 1,  
3   "name": "Leanne Graham",  
4   "username": "Bret",  
5   "email": "Sincere@april.biz",  
6   "address": {  
7     "street": "Kulas Light",  
8     "suite": "Apt. 556",  
9     "city": "Gwenborough",  
10    "zipcode": "92998-3874",  
11    "geo": {  
12      "lat": "-37.3159",  
13      "lng": "81.1496"  
14    }  
15 },  
16 "phone": "1-770-736-8031 x56442",  
17 "website": "hildegard.org",  
18 "company": {  
19   "name": "Romaguera-Crona",  
20   "catchPhrase": "Multi-layered client-server neural-net",  
21   "bs": "harness real-time e-markets"  
22 }  
23 }
```

The response status is "200 OK" with a duration of "126 ms" and a size of "1.44 KB". There are buttons for "Save Response" and "Copy".

On the right side of the interface, there are several buttons and links: "Run all tests in a collection", "Generate API documentation from collection", "Create a new API collection for testing", "GET Get data" (with a description placeholder), and "Auto" dropdown. The bottom of the screen shows the Windows taskbar with various pinned icons and the date/time "2/22/2026".

Fig 4 : Single User Access

The screenshot shows the Postman application interface. On the left, there's a sidebar with options like 'Collections', 'Environments', 'History', 'Flows', 'Files' (Beta), 'Cloud View', 'Find and replace', 'Console', and 'Terminal'. The main workspace is titled 'THEJAS R SHETTY's Workspace' and contains a collection named 'My Collection'. A specific test case named 'Get data' is selected, which makes a GET request to 'https://jsonplaceholder.typicode.com/posts'. The 'Scripts' tab is active, showing a pre-request script:

```
1 pm.test("Status code is 200", function () {  
2     pm.response.to.have.status(200);  
3 });
```

The 'Test Results' section shows one test passed: 'Status code is 200'. The results table includes columns for Body, Cookies, Headers, and Test Results (1/1). The status is 'PASSED' with a green status bar. Below the results, there are buttons for 'Runner', 'Start Proxy', 'Cookies', 'Vault', 'Trash', and a refresh icon. The bottom right corner shows system status: ENG IN, 6:46 PM, 2/22/2026.

Fig 5 : Tests /Posts

The screenshot shows the Postman application interface. The top navigation bar includes 'Home', 'Workspaces', 'API Network', a search bar 'Search Postman', and various icons for 'Invite', 'Upgrade', and account management.

A message at the top states: 'We're updating our plans and pricing on March 1. See our blog for more details.'

The left sidebar shows 'THEJAS R SHETTY's Workspace' with sections for 'Collections', 'Environments', 'History', 'Flows', and 'Files' (BETA). A 'New Import' button is also present.

The main workspace displays a collection named 'My Collection' with a single item: 'Get data'. The 'Scripts' tab is selected, containing the following code:

```
pm.test("Status code is 200", function () {
    pm.response.to.have.status(200);
});
```

The 'Body' tab shows the JSON response from the API call:

```
[{"postId": 1, "id": 1, "name": "id labore ex et quam laborum", "email": "Eliseo@gardner.biz", "body": "laudantium enim quasi est quidem magnam voluptate ipsam eos\\n tempora quo necessitatibus\\ndolor quam autem quasi\\nreiciendis et nam sapiente accusantium"}, {"postId": 1, "id": 2, "name": "quo vero reiciendis velit similique earum", "email": "Jayne_Kuhic@sydney.com", "body": "test natus enim nihil est dolore omnis voluptatem numquam\\nnet omnis occaecati quod ullam at\\nvolutatem error expedita pariatur\\nnihil sint nostrum voluptatem reiciendis et"}, {"postId": 1, "id": 3, "name": "odio adipisci rerum aut animi", "email": "Nikita@garfield.biz", "body": "quia molestiae reprehenderit quasi aspernatur\\naut expedita occaecati aliquam eveniet laudantium\\nnomis quibusdam delectus saepe quia accusamus maiores nam est\\ncum et ducimus et vero voluptates excepturi deleniti ratione"}, {"postId": 1}, {"postId": 1}];
```

The bottom right corner features AI integration with a 'Run all tests in a collection' button, 'Generate API documentation from collection' button, and a 'Create a new API collection for testing' button. It also includes a 'Get data' button and a text input field for describing the API needs.

Fig 6 : Comments

The screenshot shows the Postman application interface. In the top navigation bar, there are links for Home, Workspaces, and API Network. A search bar is located at the top right. On the left sidebar, there's a workspace titled "THE JAS R SHETTY's Workspace" with sections for Collections, Environments, History, and Flows. The main area displays a collection named "My Collection" with a "Get data" request. The request method is "GET" and the URL is "https://jsonplaceholder.typicode.com/users". The "Authorization" tab is selected, showing "No Auth". Below the request, the response body is displayed as JSON, showing a single user object with an ID of 1. The JSON content is as follows:

```
1 [  
2 {  
3   "id": 1,  
4   "name": "Leanne Graham",  
5   "username": "Bret",  
6   "email": "Sincere@april.biz",  
7   "address": {  
8     "street": "Kulas Light",  
9     "suite": "Apt. 556",  
10    "city": "Gwenborough",  
11    "zipcode": "92998-3874",  
12    "geo": {  
13      "lat": "-37.3159",  
14      "lng": "81.1496"  
15    }  
16  },  
17  "phone": "1-770-736-8031 x66442",  
18  "website": "hildegard.org",  
19  "company": {  
20    "name": "Romaguera-Crona",  
21    "catchPhrase": "Multi-layered client-server neural-net",  
22    "bs": "harness real-time e-markets"  
23  },  
24  {  
25    "id": 2,  
26  }
```

The status bar at the bottom shows the weather as "29°C Mostly sunny" and the date/time as "6/22/2026 6:43 PM".

Fig 7 : Invalid Endpoint

The screenshot shows the Postman application interface. In the center, there is a request configuration window titled "My Collection / Get data". The method is set to "GET" and the URL is "https://sonplaceholder.typicode.com/admin". Below the URL, the "Docs" tab is selected, providing a detailed explanation of the GET request: "This is a GET request and it is used to 'get' data from an endpoint. There is no request body for a GET request, but you can use query parameters to help specify the resource you want data on (e.g., in this request, we have id=1). A successful GET response will have a 200 OK status, and should include some kind of response body - for example, HTML web content or JSON data." To the right of the request details, there is a "Send" button and a "Cookies" section.

Below the request configuration, the "Test Results" section displays a single test case result: "404 Not Found" with a status of "595 ms" and a size of "1.12 KB". The response body is shown as a JSON object: { }.

At the bottom of the main interface, there is a toolbar with various icons and a status bar showing the date and time (2/22/2026) and system information (ENG IN 6:48 PM).

Fig 3 : 404 Not Found