

Spring Boot REST API Documentation

API Name: Visualization Dashboard REST API

Description: The Visualization Dashboard REST API provides a set of endpoints for accessing data from a MySQL database that can be used to create visualizations on the frontend. The API is designed to be simple and easy to use, and allows users to retrieve data in a variety of formats, including JSON.

Contact Information:

Developer: Pranshu Singh Bisht

Email: pranshubisht9@gmail.com

Mobile No: 7522023037

If you have any questions or need support with the Visualization Dashboard REST API, please contact me.

End Year Filter

Returns array of object json data.

- **URL**
`/dashboard/end-year/{value}`
- **Method:**
`GET`
- **URL Path Variable**
Required:
`value=[integer]`
- **Success Response:**
 - **Code:** 200
 - **Content:** [{..}, {..}, {..}]
- **Error Response:**
 - **Code:** 404 NOT FOUND
 - **Content:** {"timestamp": "DATETIMESTAMP", "message": "No data found with endyear: [value]", "details": "uri=/dashboard/end-year"}
- **Sample Call:**

```
fetch('https://localhost:8888/dashboard/end-year/2023')  
  .then(response => response.json())  
  .then(data => {  
    console.log(data);  
  })  
  .catch(error => {  
    console.error(error);  
  });
```

Topic Filter

Returns array of object json data.

- **URL**
`/dashboard/topic/?keyword={value}`
- **Method:**
GET
- **URL Params**
Required:
`topic=[string]`
- **Success Response:**
 - **Code:** 200 **Content:** [{..}, {..}, {..}]
- **Error Response:**
 - **Code:** 404 NOT FOUND
 - **Content:** {"timestamp": "DATETIMESTAMP", "message": "No data found with filter: [value]", "details": "uri=/dashboard/filter"}
- **Sample Call:**

```
fetch('https://localhost:8888/dashboard/topic?keyword=travel')
.then(response => response.json())
.then(data => {
  console.log(data);
})
.catch(error => {
  console.error(error);
});
```

Sector Filter

Returns json data about a single user.

- **URL**

/dashboard/sector/?keyword={value}

- **Method:**

GET

- **URL Params**

Required:

value=[string]

- **Success Response:**

- **Code:** 200 **Content:** [{..}, {..}, {..}]

- **Error Response:**

- **Code:** 404 NOT FOUND

- **Content:** {"timestamp": "DATETIME", "message": "No data found with sector: [value]", "details": "uri=/dashboard/sector"}

- **Sample Call:**

```
fetch('https://localhost:8888/dashboard/sector?keyword=Pharmaceuticals')
.then(response => response.json())
.then(data => {
  console.log(data);
})
.catch(error => {
  console.error(error);
});
```

Region Filter

Returns array of object json data.

- **URL**
`/dashboard/region?keyword={value}`
- **Method:**
`GET`
- **URL Params**
Required:
`value=[string]`
- **Success Response:**
 - **Code:** 200 **Content:** [{..}, {..}, {..}]
- **Error Response:**
 - **Code:** 404 NOT FOUND
 - **Content:** {"timestamp": "DATETIMESTAMP", "message": "No data found with region: [value]", "details": "uri=/dashboard/region"}
- **Sample Call:**

```
fetch('https://localhost:8888/dashboard/region?keyword = Asia')
.then(response => response.json())
.then(data => {
  console.log(data);
})
.catch(error => {
  console.error(error);
});
```

Pestle Filter

Returns array of object json data.

- **URL**
`/dashboard/pestle?keyword={value}`
- **Method:**
`GET`
- **URL Params**
Required:
`id=[string]`
- **Success Response:**
 - **Code:** 200 **Content:** [{...}, {...}, {...}]
- **Error Response:**
 - **Code:** 404 NOT FOUND
 - **Content:** {"timestamp": "DATETIME", "message": "No data found with pestle: [value]", "details": "uri=/dashboard/pestle"}
- **Sample Call:**

```
fetch('https://localhost:8888/dashboard/pestle?keyword=Healthcare')
.then(response => response.json())
.then(data => {
  console.log(data);
})
.catch(error => {
  console.error(error);
});
```

Source Filter

Returns array of object json data.

- **URL**
`/dashboard/source?keyword={value}`
- **Method:**
GET
- **URL Params**
Required:
`value=[string]`
- **Success Response:**
 - **Code:** 200 **Content:** [{...}, {...}, {...}]
- **Error Response:**
 - **Code:** 404 NOT FOUND
 - **Content:** {"timestamp": "DATETIME", "message": "No data found with source: [value]", "details": "uri=/dashboard/source"}
- **Sample Call:**

```
fetch('https://localhost:8888/dashboard/source?keyword=infosysblogs')  
.then(response => response.json())  
.then(data => {  
  console.log(data);  
})  
.catch(error => {  
  console.error(error);  
});
```

Swot Filter

Returns array of object json data.

- **URL**

/dashboard/swot/keyword={value}

- **Method:**

GET

- **URL Params**

Required:

value=[integer]

- **Success Response:**

- **Code:** 200 **Content:** [{...}, {...}, {...}]

- **Error Response:**

- **Code:** 404 NOT FOUND

- **Content:** {"timestamp": "DATETIME", "message": "No data found with swot: [value]", "details": "uri=/dashboard/swot"}

- **Sample Call:**

```
fetch('https://localhost:8888/dashboard/swot?keyword=Strength')
```

```
.then(response => response.json())
```

```
.then(data => {
```

```
  console.log(data);
```

```
  })
```

```
.catch(error => {
```

```
  console.error(error);
```

```
});
```


Country Filter

Returns array of object json data.

- **URL**
`/dashboard/country?keyword={value}`
- **Method:**
`GET`
- **URL Params**
Required:
`id=[integer]`
- **Success Response:**
 - **Code:** 200 **Content:** [{...}, {...}, {...}]
- **Error Response:**
 - **Code:** 404 NOT FOUND
 - **Content:** {"timestamp": "DATETIME", "message": "No data found with country: [value]", "details": "uri=/dashboard/country"}
- **Sample Call:**

```
fetch('https://localhost:8888/dashboard/country?keyword=India')
.then(response => response.json())
.then(data => {
  console.log(data);
})
.catch(error => {
  console.error(error);
});
```

City Filter

Returns array of object json data.

- **URL**
`/dashboard/topic/?keyword={value}`
- **Method:**
`GET`
- **URL Params**
Required:
`id=[integer]`
- **Success Response:**
 - **Code:** 200 **Content:** [{...}, {...}, {...}]
- **Error Response:**
 - **Code:** 404 NOT FOUND
 - **Content:** {"timestamp": "DATETIME", "message": "No data found with city: [value]", "details": "uri=/dashboard/city"}
- **Sample Call:**

```
fetch('https://localhost:8888/dashboard/city?keyword=lucknow')
.then(response => response.json())
.then(data => {
  console.log(data);
})
.catch(error => {
  console.error(error);
});
```