Task-2: Function For YouTube Link

# Task Description

Build a function that takes any search string as input and returns a list of relevant YouTube video links. The function should programmatically search YouTube and extract the video URLs based on the query.

# Task Output Screenshot

1. **Widget/Algorithm Used In Task**
   * Used Google YouTube Data API v3 to fetch video data programmatically.
   * Utilized googleapiclient.discovery.build to create a YouTube API client.
   * Implemented API request with youtube.search().list() specifying q (query), part, type, and maxResults.
   * Extracted video information (title and video ID) from the API response JSON.
   * Constructed dynamic YouTube URLs using retrieved video IDs.
   * Used Python dictionary and list structures to store and return video data.
   * Handled environment variables with dotenv to securely load the YouTube API key.
   * Provided a reusable function (get\_youtube\_links) to fetch results for any search term.