

Overall Summary

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Summary:

Facebook:

- **Advantages:**

- Easy to retrieve data from facebook API using the functions provided by the **Rfacebook**.
 - Easy to access public data of facebook through its **search API**. Part of the functionality is covered by the *Rfacebook* package through the *searchGroup* & *searchPages* function.
 - Long lived tokens created through registering an facebook application does not expire.
 - Discussions about a post can be easily tracked through extracting comments and replies to those comments.
 - The graph API Explorer tool is useful for testing API calls to understand structure as well as exploring possible fields and edges.
 - The **Utils.R** package within *Rfacebook* provides example frameworks to parse the response JSON nested list into an organized data frame.
 - To use custom API requests, use the *CallAPI* function in *Rfacebook* with the request URL to retrieve response.
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- **Disadvantages:**

- The facebook API documentation does not provide specific information regarding **Rate Limit**, it specifies that the limit **differs depending on request**.
 - facebook API V2.0 and above place heavy restrictions on accessing personal information. Details such as profile information, user timeline etc. are not generally publicly available due to privacy settings. It is **not recommended** to scrape the facebook API to search for user related information.
 - To retrieve information regarding nodes, the Id of the node is required. This makes tracking objects/searching for specific nodes very difficult since there is no easy way to obtain the id for specific objects of interest (pages, users, comments, etc.)
 - It was observed that many pages, posts and comments does not include *location* information as part of its content.
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Facebook Detailed Report

Facebook Report