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PYTHON PROJECT DESCRIPTION

**PROJECT TITLE:** Find popularity index of a person or event by analysis news website.

**INTRODUCTION:**

Through this project user would be able to know the occurrences of any word searched in a website. This project is made in python using some packages such as ‘Requests’ with ‘beautiful soup’ or ‘selenium’. Beautiful soup can do a variety of things but cannot make a request on a webpage. So, it important to use ‘Requests’ as well.

**PROCEDURE:**

Step 1: Make a request to a webpage and store that as a request object. For this I will use ‘Request’ package.

Step2: Once request is made to a website,convert ‘request object’ to a ‘beautiful soup object’ so as to run its functions and extract data.

Step 3: Data which is scrapped is put into a table form using pandas where in front of each name its dedicated counter value is representing the count of that script(searched word). Finally using Pandas and various data visualization libraries, popularity index of various people and events can be analyzed.

**TOOLS:**Request package

Beautiful soup

Pandas

**OUTCOME:**In this we can find a number of occurrences of a text which is asked. This step towards data analysis is a good way to explore in data scientist field.