

**“Natural Language Processing”**

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**Project Name**

Web Scrapping

**Title: Web Scraping for Data Extraction and Analysis using Python and Jupyter Notebook**

**Abstract:**

This project aims to extract relevant data from websites using web scraping techniques. The goal is to collect and analyze data from online sources, providing valuable insights and information. The project utilizes Python programming language and libraries such as BeautifulSoup and Scrapy to scrape data from websites. The extracted data is then stored in a structured format for further analysis and visualization. The project is implemented using Jupyter Notebook, a web-based interactive computing environment, which provides an ideal platform for data exploration, visualization, and analysis.

Extract relevant data from websites using web scraping techniques

Analyze and visualize the extracted data using Python libraries

Store the extracted data in a structured format for further analysis

Implement the project using Jupyter Notebook

Use Python programming language and libraries such as BeautifulSoup and Scrapy for web scraping

Use Jupyter Notebook for data exploration, visualization, and analysis

Store the extracted data in a CSV file for further analysis

Extracted data from websites

Analyzed and visualized data using Python libraries

Stored data in a structured format for further analysis

Implemented project using Jupyter Notebook