***COMSATS UNIVERSITY***

Logo, company name

Description automatically generated

**WAH CAMPUS**

***Submitted By***

|  |  |  |  |
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***Name:***

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| Fa19bcs051 | Fa19-BCS-056 | Fa19-BCS-047 | Fa19-BCS-194 |

***Registration No:***

***Class/Section:*** *BSCS/6d*

***Submitted To***

***Teacher Name:*** *Ammara Zamir*

***Date of Submission:*** *05/05/2022S*

# Extract Maximum 15 articles/blogs form your selected topic.

# A screenshot of a computer Description automatically generated with medium confidence

## Csv of blog data

Graphical user interface, application, table, Excel

Description automatically generated

## Cleaning Data

* Removing null values

Graphical user interface, text

Description automatically generated

* Removing Duplicates

Graphical user interface, text

Description automatically generated

* Formatting the dates column

Graphical user interface

Description automatically generated

* Plotting based on user comments and saving to new csv

Graphical user interface, text

Description automatically generated

* Also replacing missing publish date with mean date

Graphical user interface

Description automatically generated

## New csv after cleaning

Graphical user interface, application, table, Excel

Description automatically generated

# Extract one page of any e-commerce website having details of products.

Text

Description automatically generated

## CSV Data online site scape

Graphical user interface, application, table

Description automatically generated

# Extract at least one page required login

Text

Description automatically generated