

## Assignment No:6

**Aim:** CMS tool

**Problem statement:**

Develop website using any CMS tool which falls into one of the categories blog, social networking, News updates, Wikipedia, E-commerce store. Website must include home page, and at least 5 forms. Use WordPress/ Joomla/ Drupal /PHP/ CSS/Bootstrap/ JavaScript

**Theory:**

### Introduction to CMS

- Contents of websites may consist of text, graphics, sounds, movies and so on.
- Content Management Systems are used as a tool to publish such contents onto a website easily and efficiently, it also helps to separate web page design from content creation.
- Content Management Systems are usually developed using a combination of programming/scripting languages and database technologies, in which they work well together.
- In order to manage the process of creating and presenting information on web pages, this software consists of the following:
  - **Client software:** is used to present a user interface to help users add, change, or delete information on web pages, for example a web browser such as Internet Explorer or Mozilla Firefox are used to display web based user interfaces.
  - **Database software:** is used as a tool to store data or information for future retrieval or manipulation, for example Microsoft SQL server, Oracle and MySQL databases.
  - **Web programming languages and scripts:** these are used as a tool to communicate to the underlying database to extract, change, save, or remove data from and to the database, for example JSP, PHP, Java Servlets, Perl and so on.
  - **Template page:** This is usually created by Hyper Text Mark up Language (HTML) to keep the website layout consistent in order to preserve the corporate image by keeping the same look and feel through out the system.

### Advantages of Content Management Systems

- It helps content authors to update or publish information onto the website without any need for web programming knowledge, which in turn reduces the cost of professional assistance.

- Activity:

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shaping innovative solutions across industries. Our platform is designed to guide you through this exciting journey, offering a comprehensive and engaging learning experience for both beginners and aspiring professionals. Whether you're a student, a working professional, or simply curious about data, our self-paced courses and interactive modules will help you master essential tools like Python, SQL, Excel, and powerful visualization techniques.

Dive into real-world projects that challenge you to think critically and apply what you learn in practical scenarios. With expert guidance, intuitive tools, and flexible learning paths, you'll gain the confidence to turn data into impactful stories and solutions. Join a growing community of learners who are building future-ready skills and exploring the limitless possibilities of data science. Start your journey today and explore the future of data on your terms.

### 3.) Overview:

## OVERVIEW



#### Our Mission

Our educational platform provides comprehensive resources for data science enthusiasts. With a focus on machine learning, deep learning, and artificial intelligence, we aim to equip learners with practical skills through tutorials and interactive projects. Jupyter notebooks are also covered extensively to enhance hands-on learning experiences.



At the heart of our mission is a commitment to providing high-quality educational resources tailored for data science enthusiasts. Our platform focuses on empowering learners through a blend of theoretical knowledge and practical application in areas like machine learning, deep learning, and artificial intelligence. By offering in-depth tutorials, real-world projects, and hands-on tools, we aim to build confidence and skill among our users. Special emphasis is placed on Jupyter Notebooks to ensure learners gain meaningful experience with industry-relevant environments, enhancing both understanding and retention through interactive exploration.



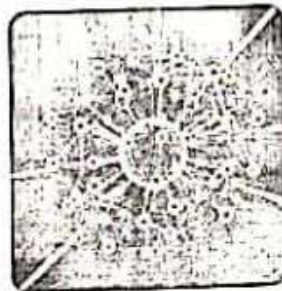
#### 4.) Top Lectures

## TOP LECTURES



### Introduction to Data Science

Explore the fundamentals of data, data, statistics, and programming. Perfect for beginners.



### Advanced Machine Learning

Dive into complex algorithms, deep learning, and predictive modeling.



### Practical Data Visualization




Learn to communicate insights effectively using interactive tools and charts.



Our Top Lectures section brings together the most engaging and impactful lessons from across our platform. From foundational introductions to machine learning, to advanced explorations in deep learning and AI, each lecture is designed to deliver clear, practical knowledge that learners can apply immediately. These sessions are enriched with real-world examples, visual explanations, and interactive elements to support better understanding. Whether you're just starting out or looking to strengthen your skills through hands-on projects, our top-rated lectures provide the perfect gateway into the world of data science and intelligent systems.

#### 5.) Event Ahead:

# UPCOMING EVENTS

<b>Data Science Webinar</b> Tue, Sep 15  Online Event	<b>Python Coding Booktop</b> Sat-Sun, Oct 3-4  Tech Campus Hall	<b>Machine Learning Meetup</b> Innovation Hub 
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Stay engaged and inspired with our upcoming events designed to bring the world of data science to life. From creative showcases like the **AI-Generated Music Concert**, where technology meets art, to insightful sessions like the **AI in Business Workshop** that explore practical industry applications, there's something for every data enthusiast. Don't miss our **Jupyter Notebooks Interactive Day**, a hands-on experience where learners can dive into real coding environments and sharpen their technical skills. Each event offers a unique opportunity to connect, collaborate, and grow with fellow learners and experts. Mark your calendar and join us as we explore the frontiers of innovation and data.

This is overview of website.

- Sign Up/Log in:

## Create Account

Already a member? Log in



or



Your data is safe with us. We value your privacy

- It allows content writers to concentrate on writing information without worrying about the design of the website. They can easily add, edit, and remove contents from and to the database by using simple user interfaces.
- It allows web content maintenance carried out easily and efficiently to meet business needs.
- It provides a consistent corporate image by keeping a consistent presentation and layout of web pages throughout the website by separating web page design tasks from content creation tasks.
- It helps web developers to concentrate on more important aspects of the website such web architecture, design, navigation and usability of the website without worrying about creating and updating information on the website.

## Wix

Wix is a completely free and user-friendly tool used to create dynamic websites without needing any coding knowledge. It is one of the most popular drag-and-drop website builders on the web, allowing users to design professional-looking websites with ease. With Wix, anyone can build and manage their own online presence by adding text, images, videos, forms, and much more through its visual editor.

### Example :

Steps to Create an Educational Website using wix

- 1). Go to website
- 2). Home page:



### Home Page Content – Data Science Learning Platform

Welcome to your gateway to the world of data. In today's digital age, data science is more than just numbers it's the key to unlocking meaningful insights, driving smarter decisions, and