



GLA
UNIVERSITY
MATHURA
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SYNOPSIS
ON
Erudition in Artificial intelligence and machine
learning

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INTRODUCTION

As technology advances internet is becoming ever popular. Website has become an essential part, and if we see the use of online learning websites the growth of such websites is observed at its peak. Online education is becoming more and more popular amongst students around the world and it's very easy for one to clear their doubts in one go. Our project is about making such website blog in which the study material related to the Data Science i.e., **Artificial Intelligence** and **machine learning, Statistics, Data Visualization** will be provided at one platform.

On this project we will develop a public website accessible to all in which the content will be provided in most simplified manner and that will be easy understandable by users.

Detailed task has been explained further in the synopsis to get a clear picture of the project.

Existing System

In existing system as we are seeing in current scenario that data and information related to Data Science are provided in crumbs, suppose if we want to learn linear regression and how to implement their real time application, for this purpose we have to switch to different platforms.

As we know that in Data Science, we use many libraries for Machine learning and Data Visualization and related to this we have to go through many different resources.

From this platform we will be providing all the content related to Data Science.

Use of the project

If anyone wants to learn something related to Data Science or if they have to clear some doubts related to any of the topic which is a subset of Data Science, then they have to switch to different platforms.

From this website user can thoroughly understand and gain complete knowledge related to each and every topic at a single platform and they will be provided with the complete data in easily understandable language, so that every student will be familiar with the topics and they can easily go through each topic in order to ace through the Data Science.

So, we will create a website for users benefits so that they can get all content at a single place.

Feasibility of Project

From this website user can thoroughly understand and gain complete knowledge related to each and every topic at a single platform and they will be provided with the complete data in easily understandable language, so that every student will be familiar with the topics and they can easily go through each topic in order to ace through the Data Science.

In this project we will be using the front-end web development and it will be implemented by using HTML, CSS, JavaScript and the website will be well responsive so that it will be feasible to work for users to use on any device.

Data set, Data frame and coding things will be implemented by using Anaconda navigator.

Functional Specification

All users will be able to access this website easily they just have to click on the topic they want to read and the link will be directed to that specified content.

The website will be user-interactive and eye catchy so that users will be attracted to the content and design, the website will be designed in such a way such that users will be curious to access **CSS** will be used to get some **animation effects** which will make the website more attractive and for better understanding of the topic's easy examples, facts, figures and statistics will be provided in order for a better surfing experience.

HARDWARE AND SOFTWARE REQUIREMENTS

Hardware Requirement:

- Hardware - Pentium
- Speed - 1.1 GHz
- RAM - 1GB
- Hard Disk - 20 GB
- Floppy Drive - 1.44 MB
- Key Board - Standard Windows Keyboard
- Mouse - Two or Three Button Mouse
- Monitor - SVGA

Software Requirements:

- Operating System : Windows
- Technology : Full stack front-end development,
Anaconda navigator
- Web Technologies : Html, JavaScript, CSS
- IDE : Visual code editor

FUTURE SCOPE

This website will be very useful in future for all users and we can grow this website as the trend of Data Science will never be down and the upcoming generation will also be curious to know about the new things and we will always try to update this website in order to give the best content to our users.