

Monument Architecture Recognition

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Input and Output

Input: User will upload an Image of monument

Output: Architecture of monument

Classes of Monument Architecture

1. Ancient
2. British
3. Indo-Islamic
4. Maratha
5. Sikh
6. Not a monument

Major Tasks:

1. ML Model for Prediction
2. Web Dashboard Creation
3. Integration

Project Subtask: Prediction

1. Labelled Dataset Collection (for different classes)
2. Preprocessing the Images.
3. Training and Testing the model on different ML Algorithms and Selecting the algorithm with highest Accuracy.
4. Integrating the Model with a DataBase Server to store the Images uploaded by the user to Predict.

Web Dashboard Layout: Home Page

Home Page:

HOME ADMIN

Identify Monument Architecture!

Please upload Indian Monument Image

Choose file

No file chosen
(Or display chosen image)

Predict

Reset

Architecture is :

Web Dashboard Layout: Admin Page

Admin Page:

Help us Identify Monument Architecture

Please Upload an Image

No file chosen

Select Architecture:

Weekly Coverage:

Week 1: Prediction Model

Week 2 &3: Web Dashboard

Week 4: Integration and final Report



The background is a solid teal color. It features several faint, semi-transparent geometric patterns. In the upper right, there is a large circular graphic resembling a donut chart with a single segment highlighted. To its right are three smaller circles, each also containing a small highlighted segment. In the bottom right corner, there is a bar chart with four vertical bars of increasing height from left to right. Each bar is composed of three stacked segments of varying shades of teal.

THANK YOU!