**Ministry/Organization name:** ISRO

**Problem Statement** To identify the monuments from Satellite Images using Deep Learning and Integration of Interpretability for the predicted outcomes (Explainable AI).

**Team Name : Binary brains**

**Team Leader Name : Samyuktha.K**

Solution/ideas/prototypes

* Satellite images can be accessed from these sites [https://www.skywatch.com/blog/free-sources-of-satellite-data](#_top). By the usage of deep learning model which operates on images compares objects from satellite pictures to other images and ranks those images based on their similarity and relevance to the objects. Lens also uses its understanding of objects in your picture to find other relevant results from the web.

STACK TECHNOLOGY

FRONT END- HTML,JAVASCRIPT,CSS

BACK END-PYTHON,JAVA

DATABASE-SQL

INNOVATION

* Identifying the mortality of the monuments, (this can be done by the existing solution for finding mortality of countries) https://www.researchgate.net/publication/355939098\_Using\_Satellite\_Images\_and\_Deep\_Learning\_to\_Identify\_Associations\_Between\_County-Level\_Mortality\_and\_Residential\_Neighborhood\_Features\_Proximal\_to\_Schools\_A\_Cross-Sectional\_Study
* In addition to that we could add mail subscriptions in order to promote our heritage