



IMAGE BASED SEARCH ENGINE



ABSTRACT

Every year millions of photos and images appear in the Internet. Most of them are downloaded to personal cloud storage or become available to the public. With such a huge amount of information, the need for an effective search in the picture ripens. And if excellent tools have already been created for text search, image search remains an unresolved problem. The purpose of this project is to develop a model for creating an effective link production service.



PROBLEM STATEMENT

- Humans produce huge amount of data everyday
- Most of it is in the form of images
- It poses a problem of not being able to identify the image and its objects



OBJECTIVE

- Help us identify objects present in the image
- Use ML to identify the classification of the objects
- Uses object of the image, extract it's features and use those features to retrieve links to similar objects



METHODOLOGY

- Use ML concept to train suitable model
- Analyse the image & use the model to generate links accordingly



POSSIBLE OUTCOMES

- The project will analyse the image
- Identify objects from the provided data
- Use machine learning to generate URL's for objects similar to the ones present in the image