

Report

● Abstract:

To classify multiple classes of flowers or objects images by CNN

● Design:

The project must include a specific background that meets the customer's need.

● Data :

● Main data source kaggle.

- (<https://www.kaggle.com/alxmamaev/flowers-recognition>)

- It's set of 5 folders for each kind of flower

● Algorithms:

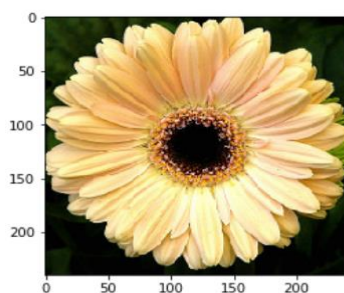
Clean duplicated data, explore, aggregate, and visualize the data as appropriate to address the client's problem

● Tools: work on Python, anaconda jupyter. :

● Libraries: Keras , tensorflow , pandas , matplotlib, sklearn, , numpy.

● Communication: To classify flower by CNN to her of any of the five types:

(daisy images - dandelion images - rose images - sunflower images - tulip images).



After Prediction:

```
array([[9.5787853e-01, 1.0142107e-03, 3.8742892e-02, 1.4889632e-04,  
       2.2155284e-03]], dtype=float32)
```

It turned out to be a images of a sunflower .