

```

{
  "nbformat": 4,
  "nbformat_minor": 0,
  "metadata": {
    "colab": {
      "provenance": []
    },
    "kernelspec": {
      "name": "python3",
      "display_name": "Python 3"
    },
    "language_info": {
      "name": "python"
    },
    "accelerator": "GPU",
    "gpuClass": "standard"
  },
  "cells": [
    {
      "cell_type": "code",
      "execution_count": null,
      "metadata": {
        "id": "ng8QZXf7Ilwd"
      },
      "outputs": [],
      "source": [
        "from google.colab import drive\n",
        "drive.mount('/content/drive')"
      ]
    },
    {
      "cell_type": "markdown",
      "source": [
        "# **Import The ImageDataGenerator Library**"
      ]
    }
  ]
}

```

```

],
"metadata": {
  "id": "rDQFnwnHI2jH"
}
},
{
  "cell_type": "code",
  "source": [
    "# This library helps add support for large, multi-dimensional arrays and
matrices\n",
    "import numpy as np\n",
    "#open source used for both ML and DL for computation\n",
    "import tensorflow as tf\n",
    "#it is a plain stack of layers\n",
    "from tensorflow.keras.models import Sequential \n",
    "#Dense layer is the regular deeply connected neural network layer\n",
    "from tensorflow.keras.layers import Dense,Flatten, Dropout\n",
    "#Faltten-used fot flattening the input or change the dimension, MaxPooling2D-for
downsampling the image for Convolutional layer\n",
    "from tensorflow.keras.layers import Convolution2D,MaxPooling2D \n",
    "#Its used for different augmentation of the image \n",
    "from tensorflow.keras.preprocessing.image import ImageDataGenerator"
  ],
  "metadata": {
    "id": "fJv7t7z2JASA"
  },
  "execution_count": null,
  "outputs": []
}
]
}

```