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        "import pandas as pd\n",
        "import numpy as np\n",
        "import matplotlib.pyplot as plt\n",
        "%matplotlib inline\n",
        "import seaborn as sns\n",
        "import tensorflow as tf\n",
        "from tensorflow import keras\n",
        "from tensorflow.keras.models import Sequential\n",
        "from tensorflow.keras.layers import Dense, Flatten, Dropout\n",
        "from tensorflow.keras.optimizers import Adam\n",
        "from tensorflow.keras.models import load_model\n",
        "#from keras.utils import to_categorical\n",
        "#importing models\n",
        "from sklearn.model_selection import train_test_split\n",
        "from sklearn.preprocessing import LabelEncoder, MinMaxScaler\n",
        "import time\n",

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"import warnings\n",
  "from sklearn.metrics import accuracy_score, f1_score, precision_score, recall_score,
classification_report, confusion_matrix"
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  "for dirname, _, filenames in os.walk('/kaggle/input'):\n",
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