**NAME-**

**NAMRATA SUNIL KAMBLE**

**COLLEGE-**

**JSPM’S RAJARSHI SHAHU COLLEGE OF ENGINEARING TATHWADE PUNE**

**BRANCH-COMPUTER**

**YEAR- PERSUING 3RD YEAR**

**MINIPROJECT 1ST=**

1. **EXPLORATORY DATA ANALYSIS**

**COLAB LINK**

**https://colab.research.google.com/drive/1mKYWBVeNlv3Qe23U8ariUJTtzmVtIo8J?usp=sharing**

**DATA-**

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**2)8\*8 CHESSBOARD-**

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**Code-**

**import numpy as np**

**import cv2**

**img = np.zeros((800 ,800 ,3))**

**img[0:100,0:100] = 255,255,255**

**img[0:100,200:300] = 255,255,255**

**img[0:100,400:500] = 255,255,255**

**img[0:100,600:700] = 255,255,255**

**img[100:200,100:200] = 255,255,255**

**img[100:200,300:400] = 255,255,255**

**img[100:200,500:600] = 255,255,255**

**img[100:200,700:800] = 255,255,255**

**img[200:300,200:300] = 255,255,255**

**img[200:300,0:100] = 255,255,255**

**img[200:300,400:500] = 255,255,255**

**img[200:300,600:700] = 255,255,255**

**img[300:400,300:400] = 255,255,255**

**img[300:400,100:200] = 255,255,255**

**img[300:400,500:600] = 255,255,255**

**img[300:400,700:800] = 255,255,255**

**img[400:500,400:500] = 255,255,255**

**img[400:500,0:100] = 255,255,255**

**img[400:500,200:300] = 255,255,255**

**img[400:500,600:700] = 255,255,255**

**img[500:600,500:600] = 255,255,255**

**img[500:600,100:200] = 255,255,255**

**img[500:600,300:400] = 255,255,255**

**img[500:600,700:800] = 255,255,255**

**img[600:700,600:700] = 255,255,255**

**img[600:700,0:100] = 255,255,255**

**img[600:700,200:300] = 255,255,255**

**img[600:700,400:500] = 255,255,255**

**img[700:800,700:800] = 255,255,255**

**img[700:800,100:200] = 255,255,255**

**img[700:800,300:400] = 255,255,255**

**img[700:800,500:600] = 255,255,255**

**cv2.imshow('CHESS BOARD',img)**

**cv2.waitKey(0)**

**cv2.DestroyAllWindows()**

**OUTPUT=**

