

# Pdf Password Protection using Python

In [1]:

```
1  ## PikePdf is a Python Library for Reading and Writing Pdf File.
```

In [2]:

```
1  ## Installing pikepdf Library
2  !pip install pikepdf
```

Requirement already satisfied: pikepdf in c:\users\lenovo\anaconda3\lib\site-packages (7.2.0)

Requirement already satisfied: Pillow>=9.0 in c:\users\lenovo\anaconda3\lib\site-packages (from pikepdf) (9.5.0)

Requirement already satisfied: lxml>=4.8 in c:\users\lenovo\anaconda3\lib\site-packages (from pikepdf) (4.9.2)

Requirement already satisfied: deprecation in c:\users\lenovo\anaconda3\lib\site-packages (from pikepdf) (2.1.0)

Requirement already satisfied: packaging in c:\users\lenovo\anaconda3\lib\site-packages (from pikepdf) (22.0)

In [3]:

```
1  ## Importing pikepdf Library
2  import pikepdf
```

In [4]:

```
1  ## Opening pdf via system Filepath
2  old_file = pikepdf.Pdf.open(r"C:\Users\Lenovo\Desktop\DATA SCIENCE Proj
```

In [6]:

```
1  ## Securing Pdf by Encryption method using Python Library pikepdf
2  allow_key = pikepdf.Permissions(extract=False)
3
4  old_file.save(r"C:\Users\Lenovo\Desktop\DATA SCIENCE Project\Pdf Passwo
5                encryption = pikepdf.Encryption(user = "12345",
6                                                  owner = "Ambarish_224",
7                                                  allow = allow_key))
8
9  print(" PDF File Created Successfully with Password")
```

PDF File Created Successfully with Password

# Thank You