DATA COLLECTION

TEAM ID	PNT2022TMID21892
DATE	8 NOVEMBER
PROJECT	UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

```
[26]: y=dataset.iloc[:,7].values
       y
```

```
[26]: array([0.92, 0.76, 0.72, 0.8 , 0.65, 0.9 , 0.75, 0.68, 0.5 , 0.45, 0.52,
              0.84, 0.78, 0.62, 0.61, 0.54, 0.66, 0.65, 0.63, 0.62, 0.64, 0.7 ,
              0.94, 0.95, 0.97, 0.94, 0.76, 0.44, 0.46, 0.54, 0.65, 0.74, 0.91,
              0.9 , 0.94, 0.88, 0.64, 0.58, 0.52, 0.48, 0.46, 0.49, 0.53, 0.87,
              0.91, 0.88, 0.86, 0.89, 0.82, 0.78, 0.76, 0.56, 0.78, 0.72, 0.7 ,
              0.64, 0.64, 0.46, 0.36, 0.42, 0.48, 0.47, 0.54, 0.56, 0.52, 0.55,
              0.61, 0.57, 0.68, 0.78, 0.94, 0.96, 0.93, 0.84, 0.74, 0.72, 0.74,
              0.64, 0.44, 0.46, 0.5 , 0.96, 0.92, 0.92, 0.94, 0.76, 0.72, 0.66,
              0.64, 0.74, 0.64, 0.38, 0.34, 0.44, 0.36, 0.42, 0.48, 0.86, 0.9 ,
              0.79, 0.71, 0.64, 0.62, 0.57, 0.74, 0.69, 0.87, 0.91, 0.93, 0.68,
              0.61, 0.69, 0.62, 0.72, 0.59, 0.66, 0.56, 0.45, 0.47, 0.71, 0.94,
              0.94, 0.57, 0.61, 0.57, 0.64, 0.85, 0.78, 0.84, 0.92, 0.96, 0.77,
              0.71, 0.79, 0.89, 0.82, 0.76, 0.71, 0.8 , 0.78, 0.84, 0.9 , 0.92,
              0.97, 0.8 , 0.81, 0.75, 0.83, 0.96, 0.79, 0.93, 0.94, 0.86, 0.79,
              0.8 , 0.77, 0.7 , 0.65, 0.61, 0.52, 0.57, 0.53, 0.67, 0.68, 0.81,
              0.78, 0.65, 0.64, 0.64, 0.65, 0.68, 0.89, 0.86, 0.89, 0.87, 0.85,
              0.9 , 0.82, 0.72, 0.73, 0.71, 0.71, 0.68, 0.75, 0.72, 0.89, 0.84,
              0.93, 0.93, 0.88, 0.9 , 0.87, 0.86, 0.94, 0.77, 0.78, 0.73, 0.73,
              0.7 , 0.72, 0.73, 0.72, 0.97, 0.97, 0.69, 0.57, 0.63, 0.66, 0.64,
              0.68, 0.79, 0.82, 0.95, 0.96, 0.94, 0.93, 0.91, 0.85, 0.84, 0.74,
              0.76, 0.75, 0.76, 0.71, 0.67, 0.61, 0.63, 0.64, 0.71, 0.82, 0.73,
              0.74, 0.69, 0.64, 0.91, 0.88, 0.85, 0.86, 0.7 , 0.59, 0.6 , 0.65,
              0.7 , 0.76, 0.63, 0.81, 0.72, 0.71, 0.8 , 0.77, 0.74, 0.7 , 0.71,
              0.93, 0.85, 0.79, 0.76, 0.78, 0.77, 0.9 , 0.87, 0.71, 0.7 , 0.7 ,
              0.75, 0.71, 0.72, 0.73, 0.83, 0.77, 0.72, 0.54, 0.49, 0.52, 0.58,
              0.78, 0.89, 0.7 , 0.66, 0.67, 0.68, 0.8 , 0.81, 0.8 , 0.94, 0.93,
              0.92, 0.89, 0.82, 0.79, 0.58, 0.56, 0.56, 0.64, 0.61, 0.68, 0.76,
              0.86, 0.9 , 0.71, 0.62, 0.66, 0.65, 0.73, 0.62, 0.74, 0.79, 0.8 ,
              0.69, 0.7 , 0.76, 0.84, 0.78, 0.67, 0.66, 0.65, 0.54, 0.58, 0.79,
              0.8 , 0.75, 0.73, 0.72, 0.62, 0.67, 0.81, 0.63, 0.69, 0.8 , 0.43,
              0.8 , 0.73, 0.75, 0.71, 0.73, 0.83, 0.72, 0.94, 0.81, 0.81, 0.75,
              0.79, 0.58, 0.59, 0.47, 0.49, 0.47, 0.42, 0.57, 0.62, 0.74, 0.73,
              0.64, 0.63, 0.59, 0.73, 0.79, 0.68, 0.7 , 0.81, 0.85, 0.93, 0.91,
              0.69, 0.77, 0.86, 0.74, 0.57, 0.51, 0.67, 0.72, 0.89, 0.95, 0.79,
```

```
              0.64, 0.91, 0.67, 0.93])
```

```
[27]: x.shape
```

```
[27]: (400, 7)
```

```
[28]: y.shape
```

```
[28]: (400,)
```

```
[29]: from sklearn.model_selection import train_test_split
       x_train,x_test,y_train,y_test=train_test_split(x,y,test_size=0.2,random_state=10)
```

```
[30]: y_train=(y_train>0.5)
       y_train
```

```
[30]: array([ True,  True,  True,  True,  True,  True,  True,  True,  True,
               True,  True,  True,  True,  True,  True,  True,  True,  True,
               True, False, False,  True,  True,  True,  True, False,  True,
              False,  True,  True,  True,  True,  True,  True, False, False,
               True,  True, False,  True,  True,  True,  True,  True,  True,
               True,  True,  True,  True,  True,  True,  True,  True,  True,
               True,  True,  True,  True,  True,  True,  True,  True,  True,
               True,  True,  True,  True,  True,  True,  True,  True,  True,
               True,  True,  True,  True,  True,  True,  True,  True, False,
               True,  True,  True,  True,  True,  True,  True, False,  True,
               True,  True,  True,  True,  True,  True,  True,  True,  True,
               True,  True, False,  True,  True,  True,  True,  True,  True,
              False,  True,  True, False,  True,  True,  True,  True,  True,
               True,  True,  True,  True,  True, False,  True,  True,  True,
               True,  True,  True,  True,  True,  True,  True,  True,  True,
               True,  True,  True,  True,  True,  True,  True,  True,  True,
               True,  True,  True,  True,  True,  True,  True,  True,  True,
               True,  True,  True,  True,  True,  True, False,  True,  True, False,
              False, False,  True,  True,  True,  True,  True,  True,  True,
               True,  True,  True,  True,  True,  True,  True,  True,  True,
               True,  True,  True,  True,  True,  True,  True,  True,
```

```python
[31]: y_test=(y_test>0.5)
```

```python
[ ]:
```