

NATIONAL UNIVERSITY OF MODERN LANGUAGES
ISLAMABAD



Data Mining (LAB)

Lab Task - 06

Submitted to
Dr. Moiz Ullah Ghouri

Submitted By
Junaid Asif
(BSAI-144)

Submission Date: November 19, 2024

```
def Bucketize_Age(age):
    if age <= 12:
        return 0
    elif age <= 19:
        return 1
    elif age <= 59:
        return 2
    else:
        return 3
train_data['Age'] = train_data['Age'].apply(Bucketize_Age)
print(train_data.head())
```

✓ 0.0s

	Survived	Pclass	Age	SibSp	Parch	Fare	Gender_male \
PassengerId							
1	0	3	2	1	0	7.2500	True
2	1	1	2	1	0	71.2833	False
3	1	3	2	0	0	7.9250	False
4	1	1	2	1	0	53.1000	False
5	0	3	2	0	0	8.0500	True

	Embarked_Q	Embarked_S
PassengerId		
1	False	True
2	False	False
3	False	True
4	False	True
5	False	True