```
port train_test_split
rt StandardScaler, LabelEncoder, OrdinalEncoder
umnTransformer
```

```
p_health_and_lifestyle_dataset.csv')
```

				upation	Sleep Duration	Quality of Sleep	Physical Activity Level	Stress Level	BMI Category	Blood Pressure	Heart Rate	Daily Steps	Sleep Disorder
				oftware ngineer	6.1	6	42	6	Overweight	126/83	77	4200	No
				Doctor	6.2	6	60	8	Normal	125/80	75	10000	No
2	3	Male	28	Doctor	6.2	6	60	8	Normal	125/80	75	10000	No
3	4	Male	28	Sales Representative	5.9	4	30	8	Obese	140/90	85	3000	Sleep Apnea
4	5	Male	28	Sales Representative	5.9	4	30	8	Obese	140/90	85	3000	Sleep Apnea

[4]:
```
# Check for missing values
missing_values = data.isnull().sum()
print("Missing Values:\n", missing_values)
```

```
Missing Values:
 Person ID                 0
Gender                     0
Age                        0
Occupation                 0
Sleep Duration             0
Quality of Sleep           0
Physical Activity Level    0
Stress Level               0
BMI Category               0
Blood Pressure             0
Heart Rate                 0
Daily Steps                0
Sleep Disorder             0
dtype: int64
```

[5]:
```
#Encoding the data set
```