



New

New Console for Notebook

Save Notebook⌘ S

Save Notebook As...⇧ ⌘ S

Save All

Rename...

Reload Notebook from Disk

Revert Notebook to Checkpoint...

Download

Save and Export Notebook As...

Trust Notebook

Close and Shut Down Notebook⇧ ⇧ Q

Log Out

Shut Down



JupyterLab



Python 3 (ipykernel)



```
from sklearn.model_selection import train_test_split
from sklearn.preprocessing import StandardScaler, LabelEncoder, OrdinalEncoder
from sklearn.compose import ColumnTransformer
```

```
data = pd.read_csv('p_health_and_lifestyle_dataset.csv')
```

					Occupation	Sleep Duration	Quality of Sleep	Physical Activity Level	Stress Level	BMI Category	Blood Pressure	Heart Rate	Daily Steps	Sleep Disorder
					Software Engineer	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
```