SUPRATIM NAG

CSE-AIML/22/057 -- (DATASET FOR ML LAB)

```python
In [ ]: import pandas as pd
```

```python
In [ ]: file_path = "C:\\Users\\SUPRATIM NAG\\OneDrive\\Documents\\ML\\Personal_Datasets\\Dataset.csv"
        df=pd.read_csv(file_path)
```

```python
In [ ]: df.head(10)
```

Out[ ]:

	Patient ID	Age	Blood Pressure	Cholesterol Levels	Heart Rate	BMI	Diagnosis	Treatment Plan	Recovery Status	Medication Type	Follow-up Requirement
0	101	65	130	250	72	28.0	Hypertension with high cholesterol.	Medication: Lisinopril (blood pressure), Stati...	Active recovery.	Lisinopril, Statins.	Quarterly.
1	102	42	110	150	76	24.0	Pre-hypertension.	Lifestyle modification: Regular exercise, heal...	Recovered.	N/A.	Six months.
2	103	58	140	200	80	30.0	Type 2 Diabetes.	Medication: Metformin (blood sugar control). L...	Active recovery.	Metformin.	Quarterly.
3	104	71	160	220	88	32.0	Heart Failure.	Medication: Digoxin (heart function), Furosemi...	Active recovery.	Digoxin, Furosemide.	Monthly.
4	105	35	120	180	74	27.0	Overweight.	Lifestyle modification: Regular exercise, heal...	Recovered.	N/A.	Three months.
5	106	60	135	230	78	29.0	Obesity.	Medication: Simvastatin (cholesterol). Lifesty...	Active recovery.	Simvastatin.	Quarterly.
6	107	45	105	120	75	23.0	Normal.	Lifestyle modification: Regular exercise, heal...	Recovered.	N/A.	One year.
7	101	45	120	200	70	25.0	Type 2 Diabetes Mellitus, Hypertension, High C...	Medications: Metformin, ACE inhibitor, Statin;...	Active	Metformin, ACE inhibitor, Statin	Monthly appointments for blood tests, weight c...
8	102	35	140	180	85	30.0	Type 2 Diabetes Mellitus, Hypertension, High C...	Medications: Metformin, ACE inhibitor, Statin;...	Active	Metformin, ACE inhibitor, Statin	Monthly appointments for blood tests, weight c...
9	103	50	135	150	80	28.0	Type 2 Diabetes Mellitus, Hypertension, High C...	Medications: Metformin, ACE inhibitor, Statin;...	Active	Metformin, ACE inhibitor, Statin	Monthly appointments for blood tests, weight c...

```python
In [ ]: df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 100 entries, 0 to 99
Data columns (total 11 columns):
 #   Column                 Non-Null Count  Dtype
---  ------                 --------------  -----
 0   Patient ID             100 non-null    int64
 1   Age                    100 non-null    int64
 2   Blood Pressure         100 non-null    int64
 3   Cholesterol Levels     100 non-null    int64
 4   Heart Rate             100 non-null    int64
 5   BMI                    100 non-null    float64
 6   Diagnosis              100 non-null    object
 7   Treatment Plan         100 non-null    object
 8   Recovery Status        87 non-null     object
 9   Medication Type        99 non-null     object
 10  Follow-up Requirement  100 non-null    object
dtypes: float64(1), int64(5), object(5)
memory usage: 8.7+ KB
```