```
import pandas as pd
from sklearn import preprocessing
df = pd.read_csv('Uber Request Data.csv')
df
df.head()
df.head(7)
df.tail()
df.tail(2)
df.info()
df.columns.values
df.shape
df.dtypes
```
df.describe()

```
df.isnull()
df.notnull()
df.isna()
df.notna()
df.isnull().sum()
df.isnull().any()
```
df.iloc[69]

```
df[0:70]
df.describe(include = 'all')
df.isna().sum()
df.isnull().sum().sum()
df['Request id']


df.sort_values(by='Request id')
df.sort_values(by='Pickup point')
df['Request id'].isnull().sum()


df['Request id'] = df['Request id'].astype('float64')
df.dtypes
df = pd.read_csv('Datasets/Iris.csv')
df
df.head(10)
df.tail(10)
df.index
df.columns
df.columns.values
df.shape
df.dtypes
df.describe()
min_max_scaler = preprocessing.MinMaxScaler()

x = df.iloc[:,:4]


x_scaled = min_max_scaler.fit_transform(x)
df_normalised = pd.DataFrame(x_scaled)
df_normalised
```

```
df['Species'].unique()

features_df = df.drop(columns=['Species'])
features_df


enc = preprocessing.OneHotEncoder()
enc_df = (enc.fit_transform(df[['Species']]))
x = pd.DataFrame(enc_df)
x


df_encode=features_df.join(x)


df_encode

df_encode.rename(columns={0:'Sentosa',1:'Versicolor',2:'Verginica'},inplace
=True)


df_encode
```