```
In []: import pandas as pd
import numpy as np

In []: training_data = pd.read_csv("input_data_train.csv")
    pred_data = pd.read_csv("input_data_pred.csv")

In []: from sklearn import preprocessing
```



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```

```
In [ ]: cols1 = ["temp_mean", "temp_max", "temp_min", "sunshine_quant", "price"]
        cols2 = ["event", "location", "product"]
        encoders = {}
        df = df.fillna({"price": 0, "event": "N/A", "location": 0, "date": "N/A", "sa_quanti
                        "temp_mean": 0, "temp_max": 0, "temp_min": 0, "sunshine_quant": 0})
        df_Y = df[label_column]
        for feature in cols1:
            cd = df[feature]
            cd_v = cd_values.reshape(-1, 1)
            scaler = preprocessing.MinMaxScaler()
            scaled = min_max_scaler.fit_transform(continuous_data_values)
            data_df[feature] = continuous_data_values_scaled
        for feature in columns:
            le = preprocessing.LabelEncoder()
            le.fit(data_df[feature].values)
            data_df[feature] = le.transform(data_df[feature].values)
            encoders[feature] = le
        df_columns = list(df.columns.values)
        df_columns.remove(label_column)
        df_X = df[df_columns]
```



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```





```
In []: # Notebook exported as python module
    from lewis_preprocess import preprocess

    df = ...
    preprocessed_df = preprocess(df)

In []: # Do things with preprocessed_df in other cell(s)!
```





## When working with other scientists and developers

```
In []: - Conda
- Colab
```





## When working with everyone else...

```
In [1]: # conda install -c conda-forge rise
    # or
    # pip install RISE

def uber_machin_lernin_model(x):
    return x > 0

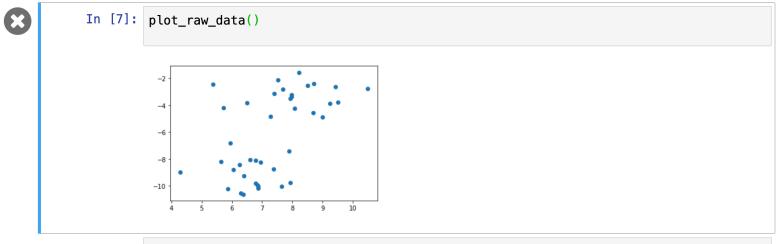
In [2]: uber_machin_lernin_model(3)

Out[2]: True

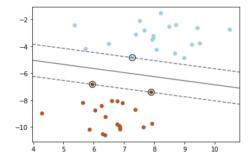
In [3]: uber_machin_lernin_model(-5)

Out[3]: False
```





In [8]: plot\_classified\_data()





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