I can guide you through the general steps to load and preprocess a dataset for stock price prediction, but I can't directly access external websites or download data. Here's a high-level overview of the process:

1. **Data Collection:**

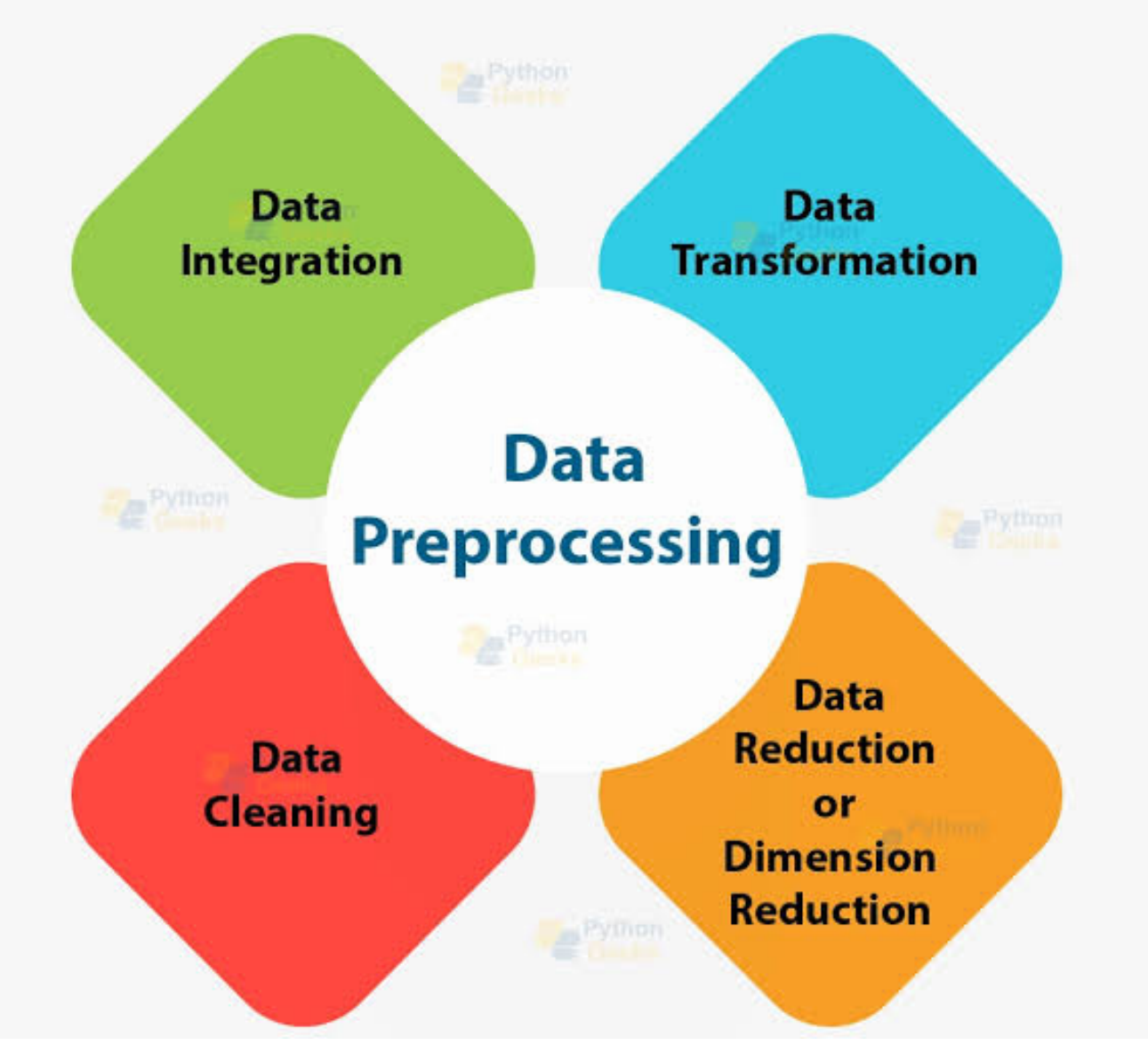
- Download the dataset from Kaggle (https://www.kaggle.com/datasets/prasoonkottarathil/microsoft-lifetime-stocks-dataset).

2. **Data Inspection:**

- Check the dataset for any missing values or anomalies.

- Examine the structure of the data to understand its features.

3. **Data Preprocessing:**



- Convert date columns to datetime objects.

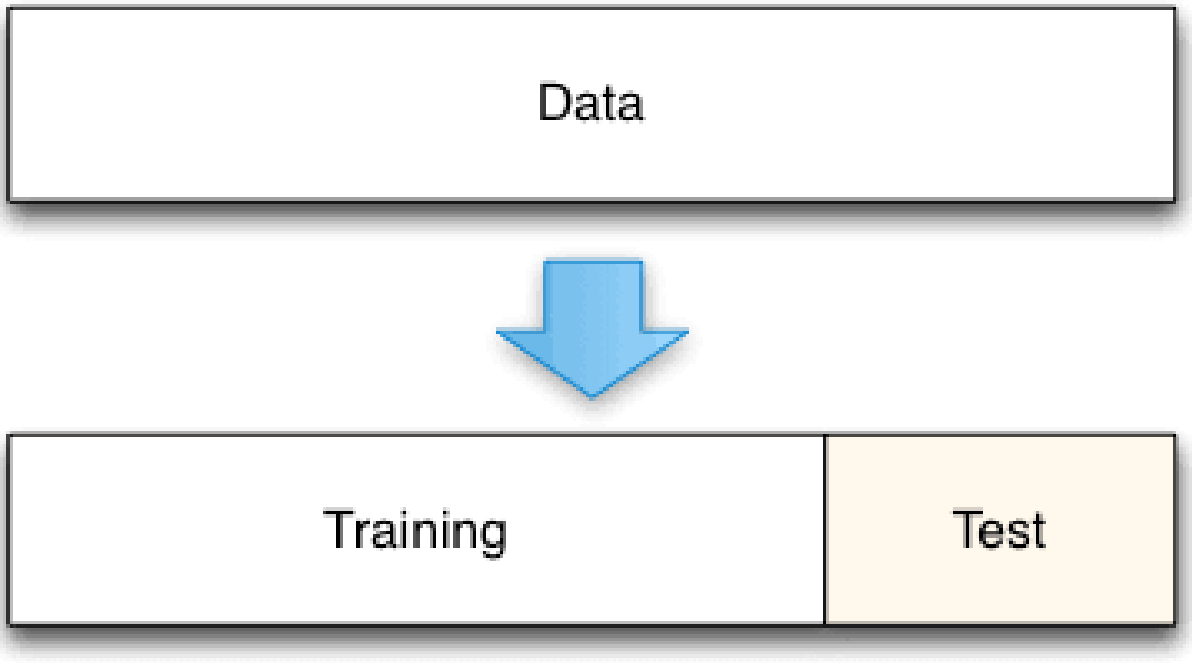
- Sort the data by date in chronological order.

- Handle missing data, such as filling or removing missing values.

4. **Feature Engineering:**

- Create additional features that could be relevant for your prediction, like moving averages, technical indicators, or sentiment analysis scores.

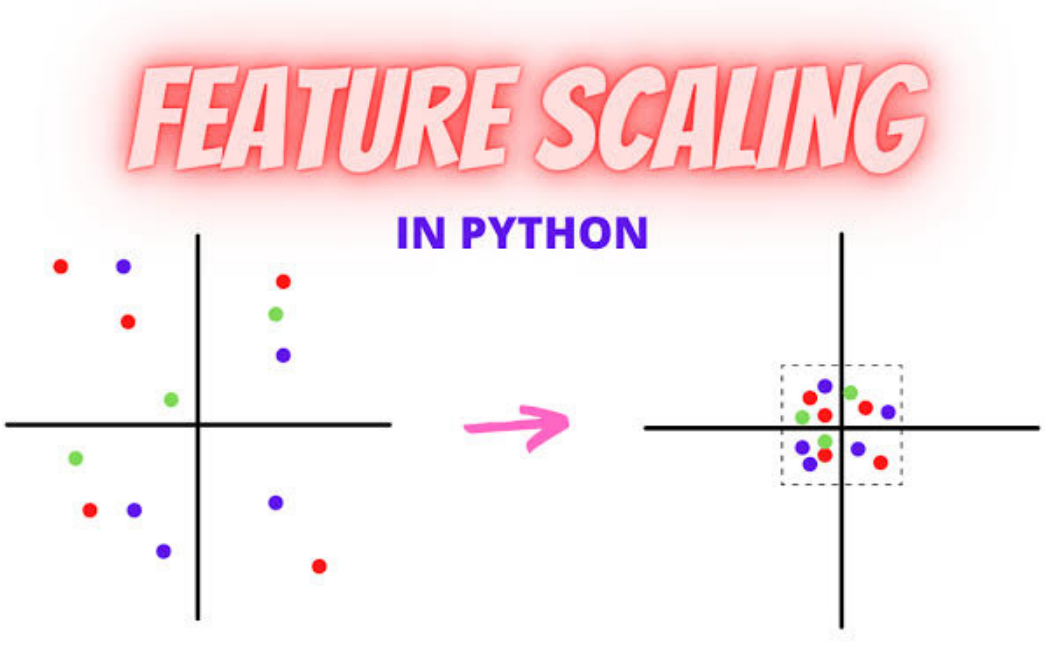
5. **Split Data:**



- Split the data into training, validation, and test sets for model

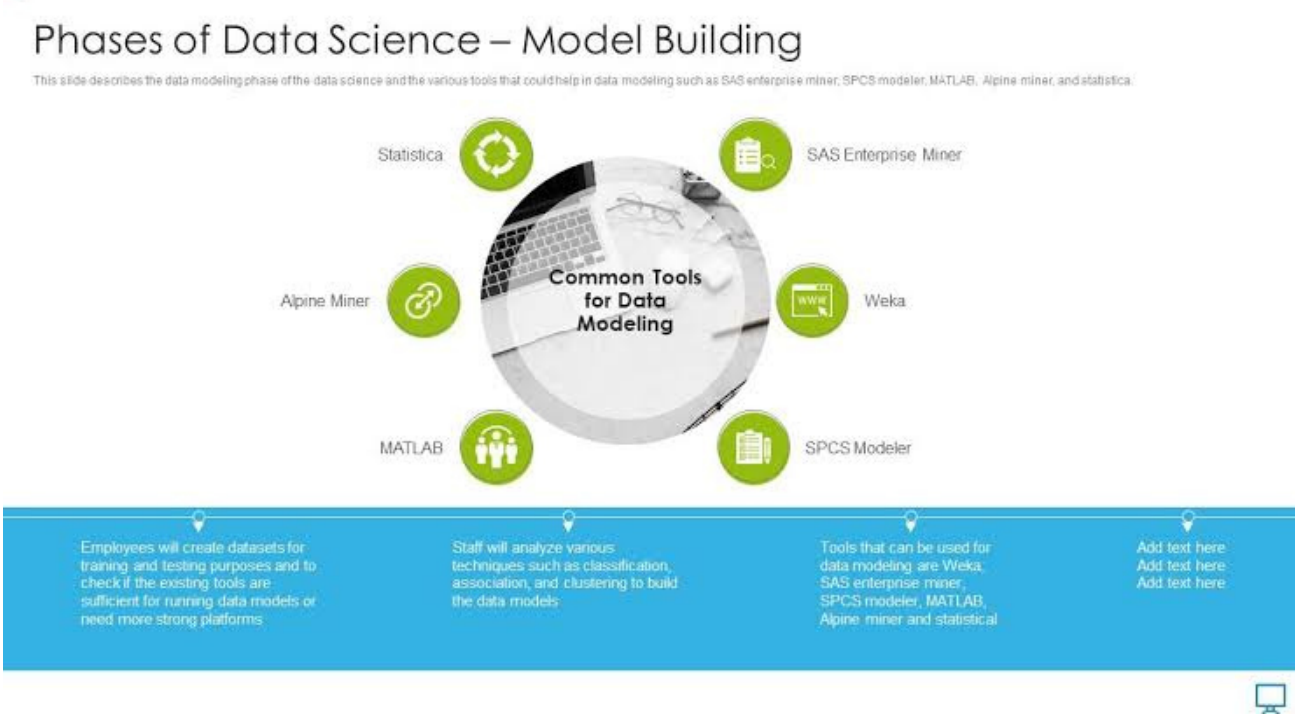
evaluation.

6. **Scaling:**



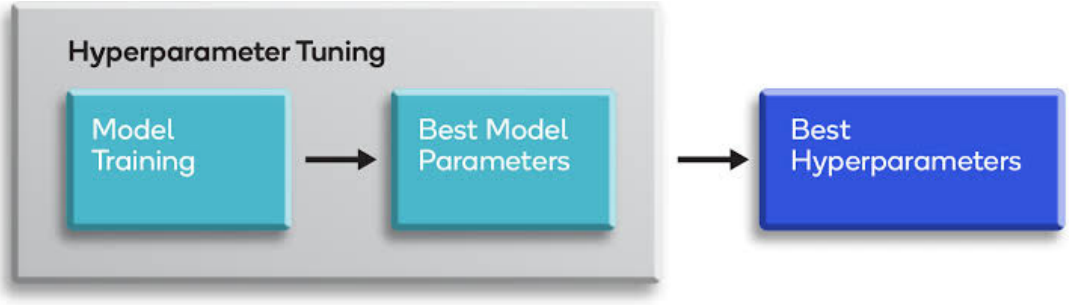
- Normalize or scale the numerical features if needed. This is often crucial for deep learning models.

7. **Model Building:**



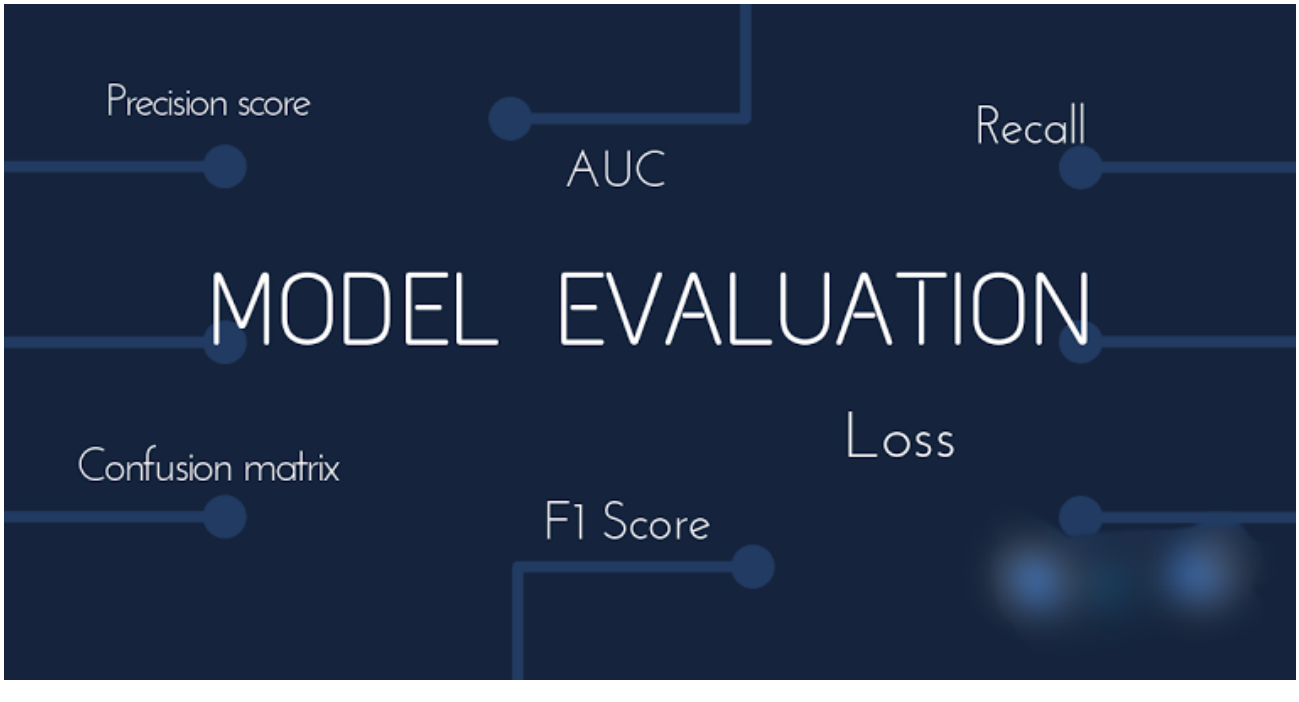
- Start building your stock price prediction model, such as a time series forecasting model (e.g., LSTM, GRU) or other regression models (e.g., linear regression).

8. **Model Training:**



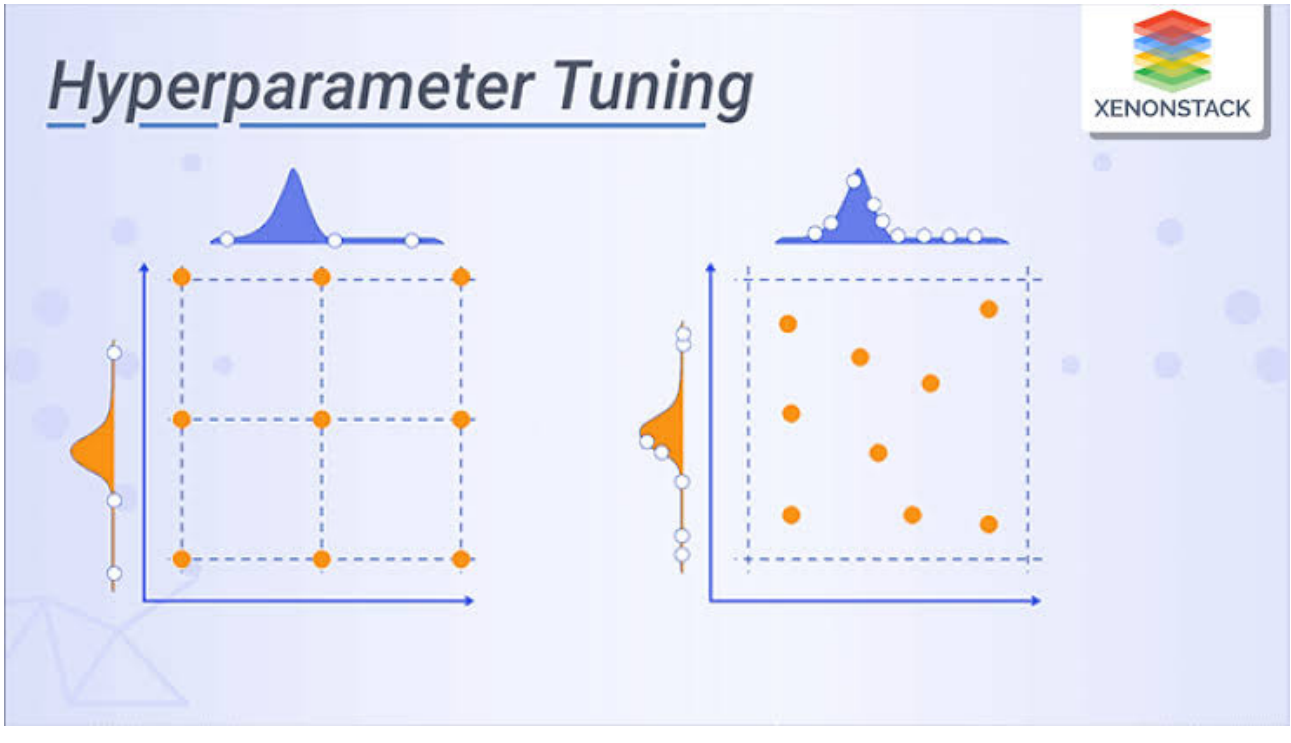
- Train your model on the training data.

9. **Model Evaluation:**



- Evaluate the model's performance on the validation set using appropriate metrics like Mean Squared Error (MSE), Root Mean Squared Error (RMSE), or others.

10. **Hyperparameter Tuning:**



- Fine-tune your model by adjusting hyperparameters for better performance.

11. **Testing:**

- Assess the model's performance on the test set to see

how well it generalizes to unseen data.

12. **Deployment (if applicable):**

- If you plan to deploy the model, prepare it for production use.