

- **‘handle\_unknown=’ignore’**: If an unseen category appears during testing/validation, it’s ignored, and the resulting one-hot vector will have zeros for all category columns.
- **‘sparse\_output=False’**: Returns a dense NumPy array instead of a sparse matrix.
- **Binary Features (‘drop=’if\_binary’)**: For a feature with

only two categories (e.g., ”yes”/”no”), this argument creates only **\*\*one\*\*** resulting column (e.g., 1 for ”yes” and 0 for ”no”), avoiding redundancy.

**0.1 Basic Terminology**

**Important Point (X):** Lorem Ipsum

**0.2 Classification Steps**

1. Step 1
2. Step 2

#Put R or python code here