

```
1 /Users/pavankumar/Desktop/pythonProject1/.venv/bin/
python /Users/pavankumar/Desktop/pythonProject1/
scripts/feature_extraction.py
2 Features extracted and saved to /Users/pavankumar/
Desktop/pythonProject1/sequence_ml_project/data/
clostridium_spiroforme_dsm_1552_gca_000154805.
ASM15480v1_.dna.nonchromosomal_features.csv
3 Features extracted and saved to /Users/pavankumar/
Desktop/pythonProject1/sequence_ml_project/data/
sequence_features.csvsta
4 Columns in new_data: Index(['gc_content', 'kmer_0
', 'kmer_1', 'kmer_2', 'kmer_3', 'kmer_4',
5      'kmer_5', 'kmer_6', 'kmer_7', 'kmer_8', '
kmer_9', 'kmer_10', 'kmer_11',
6      'kmer_12', 'kmer_13', 'kmer_14', 'kmer_15
', 'kmer_16', 'kmer_17',
7      'kmer_18', 'kmer_19', 'kmer_20', 'kmer_21
', 'kmer_22', 'kmer_23',
8      'kmer_24', 'kmer_25', 'kmer_26', 'kmer_27
', 'kmer_28', 'kmer_29',
9      'kmer_30', 'kmer_31', 'kmer_32', 'kmer_33
', 'kmer_34', 'kmer_35',
10     'kmer_36', 'kmer_37', 'kmer_38', 'kmer_39
', 'kmer_40', 'kmer_41',
11     'kmer_42', 'kmer_43', 'kmer_44', 'kmer_45
', 'kmer_46', 'kmer_47',
12     'kmer_48', 'kmer_49', 'kmer_50', 'kmer_51
', 'kmer_52', 'kmer_53',
13     'kmer_54', 'kmer_55', 'kmer_56', 'kmer_57
', 'kmer_58', 'kmer_59',
14     'kmer_60', 'kmer_61', 'kmer_62', 'kmer_63
', 'sequence_length'],
15     dtype='object')
16 Error: 'label' column not found in the dataset.
17
18 Process finished with exit code 1
19
```