```
HOUSE_PRICING/
|-- src/
|       |-- model_training/          # Training logic and evaluation
|       |       |-- __init__.py
|       |       |-- train_model.py      # Training pipeline logic
|       |       |-- preprocess.py       # Optional: preprocessing logic for training
|       |       |-- evaluate.py         # Optional: model evaluation code
|       |       |__ config/             # Configuration for hyperparameters, paths, etc.
|       |              |-- __init__.py
|       |              |__ rf_config.yaml  # Example: RandomForest config
|       |-- utils/                    # Reusable utility modules
|       |       |-- __init__.py
|       |       |-- DataAnalysis.py
|       |       |-- FeatureSelection.py
|       |       |-- VariableAnalysis.py
|       |       |__ pdf_file_save.py
|       |-- web_scraping/          # Optional: web scraping logic
|       |       |-- __init__.py
|       |       |__ scraper.py
|       |__ app.py                   # Main runnable script (dashboard / CLI / pipeline)
|
|-- notebooks/                    # Jupyter notebooks
|       |-- 1.data_collection.ipynb
|       |-- 2.data_preprocessing.ipynb
|       |__ 3.modeling.ipynb
|
|-- data/                         # Raw and processed data files
|       |-- raw/
|       |__ processed/
|
|-- outputs/                      # Generated plots, reports, saved models, etc.
|       |-- plots/
|       |-- reports/
|       |__ models/
|
|-- tests/                        # Unit tests
|       |-- __init__.py
|       |__ test_feature_selection.py
|
|-- .gitignore
|-- requirements.txt              # Dependencies
|-- README.md
|__ LICENSE
```